

19980730.qrp v01_n168.qrs.980730

Date: Thu, 30 Jul 1998 19:03:16 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1168

QRP-L Digest 1168

Topics covered in this issue include:

- 1) [16414] 20m not too shabby - 2350Z
by Joe Gervais <vole@primenet.com>
- 2) [16415] RE: Demaw's toriod book
by "Adam B. Kanis" <adam-kanis@uiowa.edu>
- 3) [16416] "QRP transceivers"
by kf4tbs@JUNO.COM (Matthew G Robertson)
- 4) [16417] Re: sm.exe ????
by Chuck and Michele Snyder <csnyder@nextdim.com>
- 5) [16418] RE The Rit Kit
by RangerSF5@aol.com
- 6) [16419] Thanks!
by beaks@westco.net
- 7) [16420] Re: Ed Noll books
by David Fouchey <dafouche@jax-inter.net>
- 8) [16421] thanks all !!!!!
by Lisa Osier <osier@northnet.org>
- 9) [16422] Re: Ed Noll books
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 10) [16423] It doesn't matter ...
by Tracy@bytemark.com (Tracy)
- 11) [16424] RE the RIT KIT
by RangerSF5@aol.com
- 12) [16425] Arnie Coro
by "DJ Rock" <b2bn@hotmail.com>
- 13) [16426] Gentle thought about P.C.
by "Paulette Quick, WB9VHF" <plquick@facstaff.wisc.edu>
- 14) [16427] QRP+ Repairs
by joel malman <malman@world.std.com>
- 15) [16428] JY1
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 16) [16429] Re: 20m not too shabby - 2350Z
by Ab7wy@aol.com
- 17) [16430] Re: Gentle thought about P.C.
by Bob Hightower <ki7mn@dancris.com>
- 18) [16431] MMIC
by n4so@juno.com (charles k brown)
- 19) [16432] pixie died on 13.8v

- by "Michael S. Williamson" <ag97@sendero.net>
- 20) [16433] Re: RE High altitude jump
by Tony Drumm <TonyDrumm@ibm.net>
- 21) [16434] Thanks! (R1 info)
by Tracy@bytemark.com (Tracy)
- 22) [16435] Elmer 101: archives?
by "David Ek" <ekdave@earthlink.net>
- 23) [16436] Re: RE High altitude jump
by "Don McKechnie" <donmck@erinet.com>
- 24) [16437] Re: Arnie Coro
by Bruce Rattray <rattray@gpfn.sk.ca>
- 25) [16438] Summer Daze SSB Sprint
by camqrp@cyberg8t.com (Cam Hartford)
- 26) [16439] RE: Tuned at the wrong time !!!
by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
- 27) [16440] Schematics
by Josh.Gould@tigger.axom.com, KC8EQA <josh.gould@axom.com>
- 28) [16441] RESTRICTED ANTENNA NITE TNX
by ARDUJENSKI@aol.com
- 29) [16442] RE: Parts Sources -- Full Height 360K FD's
by aweiss@usd.edu (A. Weiss)
- 30) [16443] COOKIES WINNER
by ARDUJENSKI@aol.com
- 31) [16444] Bosnia and ZM-2
by Tim Pettibone <tpettibo@NMSU.Edu>
- 32) [16445] Additional on Austin Summerfest
by "rohre" <rohre@arlut.utexas.edu>
- 33) [16446] Elmer 101???
- by Paul Bridgeman <alienhere@earthling.net>
- 34) [16447] Re: Arnie Coro
by "Marshall Emm" <mgemm@mtechnologies.com>
- 35) [16448] Bumble Bee Pictures
by Jeff Grudin <grudin@pacific.vdbs.com>
- 36) [16449] RE THE RIT KIT
by RangerSF5@aol.com
- 37) [16450] Elmer101: SWR concerns
by PGSPersEng@aol.com
- 38) [16451] what band...
by Chris Cieslak <ccieslak@LAW.UIUC.EDU>
- 39) [16452] Crystals
by "Eim Mulder" <mulder@server4.nfra.nl>
- 40) [16453] T68-2 Surplus Special?
by Tracy@bytemark.com (Tracy)
- 41) [16454] RE: RE High altitude jump
by cy r currier <crc3@telplus.net>
- 42) [16455] Re: Schematics
by mikemo@ibm.net
- 43) [16456] Re: RESTRICTED ANTENNA NITE TNX

by Zack Lau <zlau@arrl.org>
44) [16457] RE: Elmer 101 archives?
by "David Ek" <ekdave@earthlink.net>
45) [16458] Intro & ?
by N2ICZ@aol.com
46) [16459] LED SWR indicator
by cjl@mail09.mitre.org (Charles J. Ludinsky)
47) [16460] 0127 UTC on 17 meters
by jaywa5whn@juno.com (Jay D Miller)
48) [16461] FS OHR WM-1 MINT
by bens@valint.net
49) [16462] Question for MFJ9420 (SSB Travel Radio) Owners
by "Michael Babineau" <babineau@nortel.ca>
50) [16463] Elmer 101 It works!
by "Edward A Kwik jr" <eakwikjr@hti.com>
51) [16464] Re: No requests found
by wd4nak@juno.com
52) [16465] QRP-L Summary of Commands
by adams@chuck.dallas.sgi.com (Chuck Adams)
53) [16466] Re: Ed Noll books
by af852@rgfn.epcc.edu (William R Colbert)
54) [16467] [Fwd: Arnie Coro]
by burro@panama.gulf.net
55) [16468] Feedline Answer
by "James R. Duffey" <ji3m@maxwell.com>
56) [16469] garbled diagrams anyone?
by w0yse@juno.com (Neil Klagge)
57) [16470] Re: garbled diagrams anyone?
by Mike - W0TMW <crucis@sky.net>
58) [16471] Arnie C02KK not QRT
by Paul Harden <pharden@aoc.nrao.edu>
59) [16472] STOP!! GARBLED = SOLVED! THANKS!
by w0yse@juno.com (Neil Klagge)
60) [16473] Band Conditions
by Randy Foltz <rfoltz@wsunix.wsu.edu>
61) [16474] FS: NC40A, ZM-2
by Bob Hightower <ki7mn@dancris.com>
62) [16475] Re: FS: NC40A, ZM-2
by KC5TJA <kc5tja@topaz.axisinternet.com>
63) [16476] RE: 'Somebody to build kits' email bounced
by Bcieslak@ra.rockwell.com
64) [16477] Re: Tuned in at Wrong Time!!!
by af852@rgfn.epcc.edu (William R Colbert)
65) [16478] 220MHZ AUCTION
by "Hulbert, Nick" <nick.hulbert@lmco.com>
66) [16479] Re: COOKIES WINNER
by Ed Loranger <we6w@qsl.net>
67) [16480] Re: Band Conditions

by Joe Gervais <vole@primenet.com>
68) [16481] Re: Elmer101: SWR concerns
by Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
69) [16482] Frequently asked questions
by "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>
70) [16483] INDOOR ANT. LOG - WE6W
by Ed Loranger <we6w@qsl.net>
71) [16484] Bumblebee '98 Photos & Report
by VE3JC - John C <jbcumming@wwdc.com>
72) [16485] 10 Meters open
by Stewart Whitehouse <STEW_W@compuserve.com>
73) [16486] Info on the rit kit Mod
by RangerSF5@aol.com
74) [16487] PFM Beacon
by Chuck Carpenter <w5usj@webwide.net>
75) [16488] Re: LED SWR indicator
by W7LS <w7ls@blarg.net>
76) [16489] Re: Political Correctness?
by Scott Howell <whowell@hq.nasa.gov>
77) [16490] Re: Arnie C02KK not QRT
by "George T. Baker" <w5yr@swbell.net>
78) [16491] Re: Bosnia and ZM-2
by "George T. Baker" <w5yr@swbell.net>
79) [16492] Re: Elmer101: SWR concerns
by "George T. Baker" <w5yr@swbell.net>
80) [16493] for "Juno" people
by w0yse@juno.com (Neil Klagge)
81) [16494] Re: Elmer101: SWR concerns
by Luke Stras <stras@ecf.utoronto.ca>
82) [16495] Re: No requests found
by "George T. Baker" <w5yr@swbell.net>
83) [16496] PC board material?
by PDouglas12@aol.com
84) [16497] Re: Helpo with URL
by SKIPNC90@aol.com
85) [16498] Re: Elmer101: SWR concerns
by "George T. Baker" <w5yr@swbell.net>
86) [16499] Re: Elmer101: SWR concerns
by "George T. Baker" <w5yr@swbell.net>
87) [16500] RIT KIT/Scanning info to you looks good
by RangerSF5@aol.com
88) [16501] Re: Elmer101: SWR concerns
by Luke Stras <stras@ecf.utoronto.ca>
89) [16502] FYI: unsubscribing from a list
by John Evans - N0HJ <jae@codenet.net>
90) [16503] QRP+ For Sale
by robert.j.lockwood@exgate.tek.com
91) [16504] Re: Band Conditions

by gsurrency@juno.com (Gary L Surrency)
92) [16505] Argonaut sold
by Don Bowen <don.bowen@chrysalis.org>
93) [16506] WTB: NCG 15 meter rig (not quite QRP, but I can always turn power ,
down).
by Bernie Doehner <bad@uhf.wireless.net>
94) [16507] Re: INDOOR ANTENNA NITE
by "John J. McDonough" <jjmcd@tm.net>
95) [16508] Re: Band Conditions
by "J. C. Joba" <jcjoba@sk.sympatico.ca>
96) [16509] A good project a better rig finished
by Davewb4@aol.com
97) [16510] The P word and the C word
by "laura halliday" <marsgal42@hotmail.com>
98) [16511] NAQP SUBCONTEST
by utahfolk@konnections.com
99) [16512] Re: FS: NC40A, ZM-2
by Bob Hightower <ki7mn@dancris.com>
100) [16513] Re: FS: NC40A, ZM-2
by Bob Hightower <ki7mn@dancris.com>
101) [16514] Re: Arnie C02KK not QRT
by w4pj@w4bkx.ampr.org
102) [16515] Solar Power
by Harvey Laidman <Harvey1@outadaloop.com>
103) [16516] C02KK "DX Unlimited" Sked
by Paul Harden <pharden@aoc.nrao.edu>

Date: Wed, 29 Jul 1998 16:54:46 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [16414] 20m not too shabby - 2350Z
Message-ID: <199807292354.QAA05714@usr05.primenet.com>

Howdy Folks,

20m is doing pretty good right now (2350Z in AZ).
Just heard IT9LAC calling CQ around 14.061, too
bad some K4 running 400 watts bagged him before
I could. Sheesh, bein' that close to a QRP calling
freq, you'd hope the DX would've at least been
bagged by a QRPer.... ;-)

Also have YU7GMN running a small pileup on the
bottom end of 20m. I tried calling CQ around
14.060 a few minutes ago, but no takers.

Hope to get back on after I take care of some email.... Fire up those rigs, could be a fun night!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

Date: Wed, 29 Jul 1998 19:03:15 -0500
From: "Adam B. Kanis" <adam-kanis@uiowa.edu>
To: wb0poq@visi.com, qrp-1@Lehigh.EDU
Subject: [16415] RE: Demaw's toriod book
Message-ID: <3.0.3.32.19980729190315.006ece48@divis17.ped-gen.uiowa.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

hi bob,

>>>>

(about Demaw's toriod book)

I have seen the references to this book on the list. Can anyone give me a description of it? Maybe a table of contents?

<<<<

It is a good reference, more complete than i can deal with at this time though, so i take what i need and put it away again.

Here's the TOC: (i left out the sub-sub-chapter names, so sue me).

"Ferromagnetic-Core Design and Application Handbook", by MF "Doug" DeMaw, MFJ Publishing Co, Starkville, MS 1996 (MFJ-3506) [sorry, no ISBN]

PREFACE

CHAPTER 1: THE BASICS OF MAGNETIC MATERIALS

Classifying Magnetic Materials

Physical and Electrical Traits

Calculating the Coil Turns

Power Capability

Volt-Ampere Ratings

Inductance versus AC/DC Excitation

CHAPTER 2: APPLICATION OF RODS, BARS, AND SLUGS

Rods and Bars

Rods and Bars as Antennas

Practical Loop Circuits

Rod-Core Transformers

Slug Applications

RF Chokes

CHAPTER 3: APPLYING TOROIDAL CORES

Low-Level Circuits

Broadband Transformers

Antenna Loading

Toroidal Distributed Capacitance

Powers Supplies

Core Doping

CHAPTER 4: BEADS, SLEEVES, AND POT CORES

Properties of Beads

Ferrite Sleeves

Ferrite Balun Cores

Pot Cores

CHAPTER 5: PERMANANT-MAGNET DATA

The Nature of Permanent-Magnet Materials

Elementary Permanent-Magnet Relationships

Magnetization

Demagnetization

Stability and Stabilization

Measurements and Calibration

Handling of Permanent Magnets

Glossary of Terms

APPENDIX A: REFERENCES

APPENDIX B: MISCELLANEOUS DATA

APPENDIX C: POT-CORE AND BOBBIN DATA

APPENDIX D: CYLINDRICAL-CORE AND COIL DATA

APPENDIX E: TORROID-CORE DATA

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=====

Adam B. Kanis

adam-kanis@uiowa.edu

=====

Date: Wed, 29 Jul 1998 20:00:53 +0000
From: kf4tbs@JUNO.COM (Matthew G Robertson)
To: qrp-l@Lehigh.EDU
Subject: [16416] "QRP transceivers"
Message-ID: <19980729.200130.14510.0.KF4TBS@juno.com>

I am looking for a reasonably priced QRP transceiver. Anywhere from \$50 - \$100 price range would be acceptable. I finally upgraded and need a rig. 5 words a minute was hard enough, but well worth the extra effort. I someone would get back to me with this info I would greatly appreciate it.

Thanks and 73's;
Matthew Robertson
KF4TBS
QRP-L# 1626

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 29 Jul 1998 17:22:28 -0700
From: Chuck and Michele Snyder <csnyder@nextdim.com>
To: artm@t-com.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [16417] Re: sm.exe ????
Message-ID: <35BFBCC3.38FC6CB8@nextdim.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Art,

Go to my url: <http://www.nextdim.com/users/csnyder.index.htm>. It works. I have it on a 286 and haven't encountered any problems. I prefer NuMorse tho, it's a windows95 CW program. By the way, once you get to my url, click on "Ham Radio," and I think you can figure out the rest. Good luck.

Chuck ;-) (KD7BBF)
Spokane, WA

Art Marshall wrote:

> where can i get a copy of supermorse that doesnt have something wrong with it.
ive tried sm.exe and supermorse.zip from two different sites and both with
errors, thanks art w1fji

Date: Wed, 29 Jul 1998 20:23:17 EDT
From: RangerSF5@aol.com
To: qrp-1@Lehigh.EDU
Subject: [16418] RE The Rit Kit
Message-ID: <46a130ac.35bfbcf7@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Someone *E* mailed me today and told me they had a copy of the *RIT KIT* mod
for the SW-40+

I have the fax on line and will leave it there

My number is 609 298 8544

Operators are standing by

Bob

WA2HQQ

THERE ARE ONLY TWO TYPES OF AIRCRAFT.
FIGHTERS AND TARGETS

Date: Wed, 29 Jul 1998 20:24:45 -0400
From: beaks@westco.net
To: qrp-1@Lehigh.EDU
Subject: [16419] Thanks!
Message-ID: <35BFBD4D.7109@westco.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

This is great!!! Thanks to all who took the time to reply to my question
about larger size kits, it was appreciated and the response was so good
that I will just say "Thank you" here rather than try to do it
individually.

Here at the shack I am using the Index mostly these days with a windom and 4 watts and when the weather turns colder I hope to get a kit or two together.

Last kit I built a couple monthes back was the Emtech ZM-2 tuner that went together very well and does a super job. It gets my thumbs up. If any of you out there need West Virginia QRP, let me know and I will be happy to set up a sked with you.

73 and again THANKS !!

Arch N8EAG

Date: Wed, 29 Jul 1998 20:49:38 -0400
From: David Fouchey <dafouche@jax-inter.net>
To: tjarey@home.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [16420] Re: Ed Noll books
Message-ID: <3.0.1.32.19980729204938.00796d10@jax-inter.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:15 PM 7/28/98 -0400, T.J. \"SKIP\" Arey N2EI wrote:

>So,

>

>MFJ also list Ed Noll's "Solid State QRP Projects in their catalog. I am
>proud to say I still have my original H.W.Sams version of this books put
>out in the early seventies and I think it is one of Ed's best.

It is a CLASSIC in my humble opinion.... bought it new when Sams first released it. It is VERY dog eared....the number of projects and drawings on napkins & scratch pads it inspired are beyond counting.

Dave

wa4emr

>

>

>><http://mfjenterprises.com/books/books.html>

>

>>and look under antennas

>

>>MFJ-3302 "73 Dipole and Long-Wire Antennas" by Ed Noll, \$12.95

>

>>and look under technical

>

>>MFJ-3506 "Ferromagnetic-Core Design and Application Handbook" by

>> Doug DeMaw, W1FB \$19.95

>

>
>--
>+++++
>
> T.J. "SKIP" AREY N2EI e-mail tjarey@home.com
>
> QRP-L #1618 QRPARCI #8634 NJ-QRP #155
>
> ARRL Life Member
>
> RIGS: HW-7, HW-8, FT-301S
>
>
> Website http://members.home.net/tjarey
>
> Snail Mail: PO Box 236, Beverly, NJ 08010
>
>
> Specialization is for insects! LAZARUS LONG
>
>
>

Date: Wed, 29 Jul 1998 08:00:41 -0700
From: Lisa Osier <osier@northnet.org>
To: qrp-l@Lehigh.EDU
Cc: osier@northnet.org
Subject: [16421] thanks all !!!!!
Message-ID: <35BF3919.175@northnet.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All!!!

Many thanks to all who answered the call for help on the Autek filter. This place is a great place to see ham radio operators cooperating with each other and careing enough to lend a hand!!!! My tnx to all involved !!!

73/72s

GEORGE OSIER N2JNZ/QRP

Date: Wed, 29 Jul 1998 21:13:51 -0400
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "Richard E. Robinson" <rerobins@email.uncc.edu>
Cc: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [16422] Re: Ed Noll books
Message-ID: <35BFC8CF.976E3702@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I've done reviews on most of MFJ's books and I keep telling them that they need to let more of the market know that they have brought some of these great old titles back into print. They are missing out on a lot of sales. Since they publish in house and don't usually get ISBN numbers assigned to their stuff, they probably would show up in a CICS search that Amazon would do in looking for them.

Richard E. Robinson wrote:

>
> Hi Skip,
>
> Thanks for the pointer to MFJ. I placed an order with Amidon a few months
> ago and was told the book was out of print and unavailable. BTW,
> Amazon.com has also told me the same thing. I didn't even think of
> checking with MFJ even though I've ordered books from them. I'm ordering
> the RF design book also.
>
> MFJ also list Ed Noll's "Solid State QRP Projects in their catalog. I am
> proud to say I still have my original H.W.Sams version of this books put
> out in the early seventies and I think it is one of Ed's best.
>
> I'm also proud to have my original Sam's version of Noll's book. It is
> indeed a classic and got me into winding toroids way back then.
>
> 72/73,
>
> Rick kf4ar

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

QRP-L #1618 QRPARCI #8634 NJ-QRP #155

ARRL Life Member

RIGS: HW-7, HW-8, FT-301S

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Wed, 29 Jul 1998 21:54:47 -0400
From: Tracy@bytemark.com (Tracy)
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [16423] It doesn't matter ...
Message-ID: <001801bdbb5d\$0830a400\$b4241ad1@titan>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

... what really happens to ham radio, what matters is what we let happen to ourselves ...

Play Radio
Tracy, N4LGH #1453

Date: Wed, 29 Jul 1998 21:45:14 EDT
From: RangerSF5@aol.com
To: qrp-l@Lehigh.EDU
Subject: [16424] RE the RIT KIT
Message-ID: <b24e7b84.35bfd02d@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Thanks to Stephen Miller for faxing me the info on the rit kit.
The artical was written buy Dave NN1G so he may still have some of the mod kits left.
I'll try to get this scanned tomorrow and then I'll be able to upload it to anyone who wants a copy
Bob

WA2HOQ

Date: Wed, 29 Jul 1998 18:50:16 PDT
From: "DJ Rock" <b2bn@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [16425] Arnie Coro
Message-ID: <19980730015016.18601.qmail@hotmail.com>
Content-Type: text/plain

Has anyone noticed that Arnie Coro's web site has died? There hasn't been a new script posted in over 2 weeks, and I tuned into Radio Havanah last Saturday night, and it was just music during his normal slot. I hope he wasn't purged or something. I liked the show.

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Wed, 29 Jul 1998 21:03:44 +0000
From: "Paulette Quick, WB9VHF" <plquick@facstaff.wisc.edu>
To: qrp-1@Lehigh.EDU
Subject: [16426] Gentle thought about P.C.
Message-ID: <v03007800b1e53d0bc5a4@[144.92.104.137]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Bruce, W6TOY, that dear boy, suggested to me that Bill Pasternak was making a generic comment that referred more to lower expectations for everyone than to the particular groups mentioned. Ok, I'll grant Pasternak that as the underlying message but then I wish he'd worded it in more general terms.

As several have said on this group, regardless of what the FCC does to the official structure of Amateur Radio, the important thing is that each of us get on the air and use the frequencies we have.

Which I will do this weekend after I finish studying.....

PQ the Procrastinator
plquick@facstaff.wisc.edu
featuring Milli watt the budgie "like a qrp radio, you get a lot in a little package"

Date: Wed, 29 Jul 1998 22:12:03 -0400
From: joel malman <malman@world.std.com>
To: qrp-1@Lehigh.EDU
Cc: malman@world.std.com
Subject: [16427] QRP+ Repairs
Message-ID: <199807300212.AA21490@world.std.com>

Folks,

Does anyone know if K7SY is still doing QRP+ repairs? Does he have an E-Mail address? My QRP+ is pretty dead. Thanks.

/joel wa1qvm (Concord, Mass)

Date: Wed, 29 Jul 1998 22:17:11 -0400
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [16428] JY1
Message-ID: <35BFD7A7.A6F1A219@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

As they say...It's good to be the King.

>Date: Tue, 28 Jul 1998 23:54:13 -0400 (EDT)
>From: Richard Brittingham <rbritt@visi.net>
>To: "George T. Baker" <w5yr@swbell.net>
>Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
>Subject: [16359] Re: [CW] FYI
>Message-ID: <Pine.GS0.3.96.980728235354.2133A-100000@ankara.visi.net>
>MIME-Version: 1.0
>Content-Type: TEXT/PLAIN; charset=US-ASCII

>His wife is JY2. No kidding.

>73

>Richard W4MCD

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

QRP-L #1618 QRPARCI #8634 NJ-QRP #155

ARRL Life Member

RIGS: HW-7, HW-8, FT-301S

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Wed, 29 Jul 1998 22:51:53 EDT
From: Ab7wy@aol.com
To: qrp-l@Lehigh.EDU
Subject: [16429] Re: 20m not too shabby - 2350Z
Message-ID: <daff0d07.35bdfca@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hey Joe.

youre not kidding! 20's been hopping in washington state. I bagged 6 new countries in a row (new personal record)!! i also got 2 new ones the other night.

i should add that im using about 35 watts and an indoor dipole with terminated ends on my ceiling, cw only. that should inspire some of you with qrp and skybound copper. you should do just fine.

im listening to latvia and argentina right now as i type.....hmm, i wonder how well i would get out if i had this wire outside....maybe someday ill devise a plan.

welcome cycle 23!!! lets rock!!

73...Adam, AB7WY

Date: Wed, 29 Jul 1998 20:01:15 +0000
From: Bob Hightower <ki7mn@dancris.com>
To: plquick@facstaff.wisc.edu
Cc: qrp-1@Lehigh.EDU
Subject: [16430] Re: Gentle thought about P.C.
Message-ID: <199807300257.TAA14342@user2.dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 09:03 PM 7/29/98 +0000, you wrote:

>Bruce, W6TOY, that dear boy, suggested to me that Bill Pasternak was making
>a generic comment that referred more to lower expectations for everyone
>than to the particular groups mentioned. Ok, I'll grant Pasternak that as
>the underlying message but then I wish he'd worded it in more general terms.
>

Yes, regrettable choice of words, but, as it seems, the world is more and more catering to the whiners. Too bad.

Date: Wed, 29 Jul 1998 22:57:06 EDT
From: n4so@juno.com (charles k brown)
To: qrp-1@Lehigh.EDU
Subject: [16431] MMIC
Message-ID: <19980730.025453.4831.3.n4so@juno.com>

MMIC reference text file.

More references to the MMIC and Mini-circuits info.

Ask for MMIC.txt file, and I will send it to you from the N4SO home computer...

SSB Sprint

Reminder-- contest for August 2 -- QST is showing an SSB contest for Aug. 2

1900z to 2100z.-- QRP ARCI Summer Daze SSB Sprint. Details in QST Aug. p. 105.

"SSB power is considered to be twice the dc output power."

28 Mhz beacons

Several stateside beacons coming through-- ab8z/b, k5ab/b and kd4ec/b, Parma,

Ohio, Austin, TX and Jupiter, FL///.

Worked LU9AY on 28.028. No other signals were heard and the conditions remain poor for 28 Mhz propagation, even for cross-equator signals.

KEN BROWN N4SO
QRP-L #622/Near Mobile, AL EM50tk
n4so@juno.com

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 29 Jul 1998 22:09:03 -0600
From: "Michael S. Williamson" <ag97@sendero.net>
To: qrp-l@Lehigh.EDU
Subject: [16432] pixie died on 13.8v
Message-ID: <98072922153868000@mail>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Well, I decided to try my pixie out on the power supply...and it died. The receiver still works so I'm assuming all I need to do is change out Q2. What do y'all think? I don't think it was SWR that killed it. When transmitting the frequency started to drop a bit. Now it's dead.

--Michael

(I guess I won't put in on 13.8v again)

Date: Wed, 29 Jul 1998 22:16:51 -0500
From: Tony Drumm <TonyDrumm@ibm.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [16433] Re: RE High altitude jump
Message-ID: <35BFE5A3.79ACDF27@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Actually, it's doubtful that he exceeded Mach 1, although I believe there was some speculation about it. Back in my jumping days, we had two or three guys who decided to try a high altitude jump. They went to the Air Force altitude

chamber class, obtained some oxygen gear, and set out in a Twin Beech. The Beech took a *long* time to get to altitude and I don't think they made it as high as they wanted, but ended up somewhere around 20,000 or 21,000 feet. The funny part was jump run. The engines began leaving a contrail and we were wondering how well they would do spotting from that height. As we looked up, there it was - a giant question mark in the sky!

Bob says he'll open at 16-18,000 feet. I hope his gear is comfortable. I made the ride down under canopy from 7-10,000 feet on occasion (we called them cross-country jumps and did them on days when it was too windy for anything else), and the harness gets a little tough on the, um, legs. Then there was the tree landing, but that's another story...

Kevin Muenzler WB5RUE wrote:

>
> I remember many years ago reading about a guy who jumped out
> of a capsule at 115k feet. It was lifted by a helium balloon.
> What I thought was interesting is that for several seconds he
> was exceeding the speed of sound!
>
> Kevin, WB5RUE
> wb5rue@stic.net <http://www.qsl.net/wb5rue>

72,
Tony
AA0SM - Rochester, MN

Date: Wed, 29 Jul 1998 23:58:54 -0400
From: Tracy@bytemark.com (Tracy)
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [16434] Thanks! (R1 info)
Message-ID: <000001bdbb6e\$5e8038a0\$df241ad1@titan>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to everyone who forwarded me info on the R1 receiver. I've managed to acquire enough parts to build one, and have pulled off a trade for a built one.

Any advice for modifications to the R1 for using it as a product detector after a fairly powerful IF amp? I'm using the IF amp and crystal filter design from the "Progressive Communication Receiver" by Wes Hayward in some

mid 80's QST's, also seen in the late 80's ARRL handbooks in chapter 30 as a "High Performance Communications Receiver." I know the distributed amplification is a bit high, and I figured the audio stage could be reduced a bit.

This will be a single conversion scheme with a 9 MHz IF. Any suggestions?

Tracy, N4LGH #1453

Date: Wed, 29 Jul 1998 21:38:14 -0600
From: "David Ek" <ekdave@earthlink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [16435] Elmer 101: archives?
Message-ID: <000301bdbb6b\$7ccc4ae0\$b4ac85ce@davidek>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

Has anybody archived the Elmer 101 materials? If so, I'd like to obtain a copy.

Tnx es 72 de Dave AB0GO

Date: Wed, 29 Jul 1998 23:46:47 -0500
From: "Don McKechnie" <donmck@erinet.com>
To: qrp-l@Lehigh.EDU
Subject: [16436] Re: RE High altitude jump
Message-ID: <199807300346.XAA21530@erinet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Date sent: Wed, 29 Jul 1998 22:16:51 -0500
Send reply to: TonyDrumm@ibm.net

From: Tony Drumm <TonyDrumm@ibm.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: Re: RE High altitude jump
Originally to: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

This is what I remember about Paul Kittinger who rode the balloon to 102,000 feet and bailed out. He free fell to 5000 feet. He was in Dayton just prior to the Dayton Air Show to honor inductees.

> Actually, it's doubtful that he exceeded Mach 1, although I believe there
> was some speculation about it. Back in my jumping days, we had two or
> three guys who decided to try a high altitude jump. They went to the Air
> Force altitude chamber class, obtained some oxygen gear, and set out in a
> Twin Beech. The Beech took a *long* time to get to altitude and I don't
> think they made it as high as they wanted, but ended up somewhere around
> 20,000 or 21,000 feet. The funny part was jump run. The engines began
> leaving a contrail and we were wondering how well they would do spotting
> from that height. As we looked up, there it was - a giant question mark
> in the sky!
>
> Bob says he'll open at 16-18,000 feet. I hope his gear is comfortable. I
> made the ride down under canopy from 7-10,000 feet on occasion (we called
> them cross-country jumps and did them on days when it was too windy for
> anything else), and the harness gets a little tough on the, um, legs.
> Then there was the tree landing, but that's another story...
>
>
> Kevin Muenzler WB5RUE wrote:
> >
> > I remember many years ago reading about a guy who jumped out
> > of a capsule at 115k feet. It was lifted by a helium balloon.
> > What I thought was interesting is that for several seconds he
> > was exceeding the speed of sound!
> >
> > Kevin, WB5RUE
> > wb5rue@stic.net <http://www.qsl.net/wb5rue>
>
> 72,
> Tony
> AA0SM - Rochester, MN
>
>

72 DE W8IZZ
Don

Date: Wed, 29 Jul 1998 21:50:01 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: DJ Rock <b2bn@hotmail.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [16437] Re: Arnie Coro
Message-ID: <Pine.SOL.3.91.980729214944.13170B-1000000@gpfn1.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Maybe he's on vacation?...72 - Bruce(VE5RC)

On Wed, 29 Jul 1998, DJ Rock wrote:

> Has anyone noticed that Arnie Coro's web site has died? There hasn't
> been a new script posted in over 2 weeks, and I tuned into Radio Havanah
> last Saturday night, and it was just music during his normal slot. I
> hope he wantn't purged or something. I liked the show.

>

>

> -----
> Get Your Private, Free Email at <http://www.hotmail.com>

>

>

Date: Wed, 29 Jul 1998 20:59:47 -0700 (PDT)
From: camqrp@cyberg8t.com (Cam Hartford)
To: qrp-l@Lehigh.EDU
Subject: [16438] Summer Daze SSB Sprint
Message-ID: <199807300359.UAA28471@trex.cyberg8t.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang -

It's me again, you local friendly QRP ARCI Contest Manager, back from a few weeks of cooling my heels in Oregon. And cool it was, but I won't go into that in deference to those of you who are still boiling.

Yet another contest is upon us, this one being the Summer Daze SSB Sprint. Sunday, August 2 is the date.

This will be the second running of this contest under the new format,

wherein we have two time slots. The first is for the High Bands, from 1900 to 2100 Z, UTC or Greenwich, whichever you prefer; the second slot is for the Low Bands, from 7 to 9 PM your local time.

A change from last time is that we'll use 40 meters in both time slots, since that band is quite useful to QRPers.

Grab your microphones and have at it!

72/73,

Cam N6GA
QRP ARCI Contest Manager

QRP ARCI SUMMER DAZE SSB SPRINT Sponsored by QRP ARCI, August 2, 1998. Hi Bands, 1900 to 2100 UTC; Lo Bands, 7PM to 9PM Local Time. Use 40 M both time slots. CW only. Entries may be Single Band, All Band, High Band (40, 20, 15, 10 or 6) or Low Band (160, 80 and 40). Work stations once per band. Exchange signal report, state/province/ country, and name. 1.860 3.865 7.285 14.285 21.385 28.385 50.128. QSO points: All QSOs worth one point. Bonus points awarded for using homebrew equipment, apply for each band on which homebrew equipment was used: +500 points for HB transmitter; +500 points for HB receiver; +1000 for HB transceiver. A piece of equipment is considered to be homebrew if you built it. Final score is total of QSO points (all bands) multiplied by total of states/provinces/countries (all bands) times power multiplier (> 5 W output, X1; <5 W output, X 7; <1 W output, X 10; < 250 mW output, X 15: SSB power considered X2 DC), plus bonus points. Include description of equipment and antennas used. Mail entries by September 2, 1998 to QRP ARCI Contest Mgr, Cam Hartford, N6GA, 1959 Bridgeport Ave., Claremont CA 91711. Or send by e-mail to CamQRP@cyberg8t.com.

Date: Thu, 30 Jul 1998 00:09:44 -0300
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
To: <qrp-1@Lehigh.EDU>
Subject: [16439] RE: Tuned at the wrong time !!!
Message-ID: <01bdbb67\$806b8e80\$07199e03@luis>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Obviously tuned at the wrong time.... as I myself monitored the several re-runs of the show from the 5pm my local time to Europe on 13720 khz to the late - late show to the Pacific Coast on 9820 khz and to the East Coast on 9550 khz...

Website had trouble with a hard drive...

By the way... It's nice to see that listener miss you !!!

Thanks

Sorry for the bandwidth, as this is not QRP-L subject... but had to say something about it !!!

Arnie Coro C02KK

Host of Dxers Unlimited

Radio Havana Cuba

e-mail : inforhc@mail.infocom.etecsa.cu

phone: 53-7-814243

phone res: 53-7-301794

Postal address

Arnie Coro

Dxers Unlimited

Radio Havana Cuba

Po Box 6240

Havana

CUBA 10600

Date: Wed, 29 Jul 98 00:12:39 -0000

From: Josh.Gould@tigger.axom.com, KC8EQA <josh.gould@axom.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [16440] Schematics

Message-ID: <199807300422.AAA18769@tigger.axom.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Can any one give me any tips on how to read a schematic?

Josh

73 & tnx

Date: Thu, 30 Jul 1998 00:26:18 EDT

From: ARDUJENSKI@aol.com

To: qrp-l@Lehigh.EDU

Subject: [16441] RESTRICTED ANTENNA NITE TNX

Message-ID: <24d99853.35bff5eb@aol.com>

Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I wanted to thanks all those who took time these past few weeks in the various antenna nites. I hope you all had as much fun as I did.

For the finale I used two 33 ft wires making up 66 ft for 40M then disconnected one for 20M. The wire was getting the vacuum cleaner wrapped around it (nothing to say about the added QRNANCY). The three bullmastiffs wanted to tug on it.(eeever hear of 3 dog nite?) And there must have been so horrific storms out there with all the static crashes. Spilling coffee on the log pad as the cat decides it need a lap to snuggle in was the climax to a super eventfull evening. I heard lots of folks out there including a W1... but a little tuff copy.

Now I think we all have an appreciation for our brothers (and sisters) who have to deal with this on a daily basis. I was pleased as punch how well the 1/2 wave worked. I did think I hear one of the pups let out a howl during one of my CQs.

Bring on the foxes....Alan KB7MBI

Date: Wed, 29 Jul 1998 23:53:35 -0500
From: aweiss@usd.edu (A. Weiss)
To: qrp-1@Lehigh.EDU
Subject: [16442] RE: Parts Sources -- Full Height 360K FD's
Message-ID: <199807300453.XAA09539@sunburst.usd.edu>

The extinct full-height 360k floopy drives use a big pcb with loads of 104's @ 103's and tons of parts.

If you can find any of these still around!

73, Ade W0RSP

Yep -- I'm scrounging a VCR right now! lot of ceramic caps plus loads of pcb-mount tiny pots plus the rf chokes.

Date: Thu, 30 Jul 1998 00:57:38 EDT
From: ARDUJENSKI@aol.com
To: we6w@qsl.net, qrp-1@Lehigh.EDU

Subject: [16443] COOKIES WINNER
Message-ID: <57a1544b.35bffd43@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

ED (WE6W),
You win the cookies for last weeks restricted antenna nite drawing. As soon as the temp drops this weekend the xyl will fire up the ovens again and we will present you with some tasty morsels. Should be in the mail the beginning of the week

TNX for participating...Alan KB7MBI

Date: Wed, 29 Jul 1998 23:31:26 -0600
From: Tim Pettibone <tpettibo@NMSU.Edu>
To: qrp-1@Lehigh.EDU
Subject: [16444] Bosnia and ZM-2
Message-ID: <1.5.4.32.19980730053126.00675318@cnmailsvr.nmsu.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Finally found some time to finish my ZM-2 and it works great. Right now the Titan vertical is down for some minor repairs and am using my assymetric zepp fed with 300 ohm lead up about 20'.

Just worked YU4WU on 14.040 at 0520z. He's in Bosnia. My son is in the Army and is going to Bosnia in September for a 6 month assignment. Small world.

Tim K5OI/QRPP
Las Cruces, NM (the land of enchantment)

p.s. We are off tomorrow for quick trip over to Ft. Hood Texas to visit my son and his family before his departure. Maybe I'll work some of you mobiling.

Date: 30 Jul 1998 00:47:45 -0500
From: "rohre" <rohre@arlut.utexas.edu>
To: mweeles@worldnet.att.net, qrp-1@Lehigh.EDU
Subject: [16445] Additional on Austin Summerfest

Message-ID: <n1310362774.92384@msmailgw1.arlut.utexas.edu>

OOPS.

Thanks to Glen, K5FX for being more sharp eyed than I. An extra period sneaked in between the double stroke characters of the URL!

Of course, the URL for this weekend's QRP Forum at the ham convention in Austin TX is: < <http://www.repeater.org/summerfest/> > Click on QRP topic for description of the forum.

An added QRP event Fri. Nite July 31: Since the swap opens that evening

QRP Dinner: Meet at the Covention registration tables in the Red Lion Hotel at 7 PM after a quick swing thru the swapfest. We will then caravan out the highway 290 side of the hotel, staying on the access road west under I 35, and then turning right at the bus station onto Middle Fiskville Road. Continue north to the four way stop, and turn right into Lincoln Village and the Lone Star Cafe will be on the North side of the entry. The Lone Star Cafe features home cooking such as chicken fried steak or fajitas, or catfish, or sandwiches, or healthy salads, and then you leave room for the Toll House Cookie Pie!

Date: Thu, 30 Jul 1998 01:58:34 -0400
From: Paul Bridgeman <alienhere@earthling.net>
To: qrp-l@Lehigh.EDU
Subject: [16446] Elmer 101???
Message-ID: <35C00B89.2E41A321@earthling.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

What are all of the Elmer 101 posts about? Is this some kind of online building project? I'm fairly new to the list and would like to get involved with the project if possible. Any info is appreciated.

Tnx and 73's to all,
Paul KD4PVM

QRP is not only a way of transmitting, its a way of LIFE! };-)

Date: Thu, 30 Jul 1998 00:06:31 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: "DJ Rock" <b2bn@hotmail.com>, qrp-l@Lehigh.EDU
Subject: [16447] Re: Arnie Coro
Message-ID: <199807300607.AAA03178@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I heard him last Saturday night and have exchanged e-mail with him since then, so as far as I know everything is ok. Don't know about the web site, though (any web site is just an electron or two away from oblivion).

73
Marshall Emm
N1FN/VK5FN
n1fn@MorseX.com
Morse Express
"Everything for the Morse Enthusiast"
<http://www.MorseX.com>
(303)752-3382
--

Date: Wed, 29 Jul 1998 23:25:43 -0700
From: Jeff Grudin <grudin@pacific.vdbs.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [16448] Bumble Bee Pictures
Message-ID: <35C011E7.66B798C0@vdbs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have some pictures posted on my web page of our bumblebee excursion. The page is still under construction. I am a newbie at HTML, but you can see the pic's.

The URL is: <http://pacific.vdbs.com/~grudin/bb.html>

--
73 de AC6KW Jeff Grudin, DVM grudin@vdbs.com

Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz, California
Norcal QRP #1292 QRP-L #16 ARS #351 AR Qrp #131 Bumble Bee #19

Date: Thu, 30 Jul 1998 02:30:24 EDT
From: RangerSF5@aol.com
To: qrp-l@Lehigh.EDU
Subject: [16449] RE THE RIT KIT
Message-ID: <3d9f216.35c01301@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi Gang

I had a lot of direct mail on the RIT KIT.

I'll do my best to get it scanned this morning then make a post.

Just *E* mail me direct and I'll upload it to you.

Bob

WA2HOQ

Date: Thu, 30 Jul 1998 03:08:35 EDT
From: PGSPersEng@aol.com
To: qrp-l@Lehigh.EDU
Subject: [16450] Elmer101: SWR concerns
Message-ID: <5fa6799b.35c01bf4@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In Mike's final Elmer101 installment, he warns against keying the rig with a poor SWR at the antenna connector, indicating it could wipe out the final transistor. I've seen this same warning many times before.

Could somebody please explain to me the mechanics of what's going on? Why should the transistor care what kind of SWR is out there? What happens in terms of emitter/collector voltages and currents that destroys the device?

I've always been curious about this aspect and would appreciate some insight from the list gurus.

Thanks,
Paul, AA1MI

Date: Thu, 30 Jul 1998 02:51:29 -0500
From: Chris Cieslak <ccieslak@LAW.UIUC.EDU>

To: "'qrp-1@lehigh.edu'" <qrp-1@Lehigh.EDU>
Subject: [16451] what band...
Message-ID: <9171552F3022D1118B9F00805FFEB54601485EB7@law-mail.law.uiuc.edu>
MIME-Version: 1.0
Content-Type: text/plain

OK, I received a bunch of e-mails asking for the results of the question, "what band should i build a transceiver for?". So, I figured I'd post it for all to see. I've only been on the list for a short time, so if this is poor list etiquette *please* let me know. So, here goes...

The responses were geared towards 20 vs 40 meters, with some 17m, 12m, and 30m buffs coming in. Here are some pros and cons mentioned:

20m Pros:

DX capabilities
Smaller antennas
Very lively band, especially in daytime

20m Cons:

Not as good for nighttime operating

40m Pros:

Open at night (for weekday operating)
Most popular QRP band (special QRP events, nets, etc.)

40m Cons:

Noise
Larger antennas
Limited range

30m was mentioned as a good DX band as well.

So, the "right" band depends on:

1. When you operate (day/night)
2. Space for antennas
3. How important DX is for you
4. Tolerance for QRN

Thanks again to everyone who replied, and i hope this helps everyone who asked for the results. Any further questions/comments? I can be reached at ccieslak@uiuc.edu

73

chris aa9hd

Date: Thu, 30 Jul 1998 10:42:06 +0200
From: "Eim Mulder" <mulder@server4.nfra.nl>
To: QRP-L@Lehigh.EDU
Subject: [16452] Crystals
Message-ID: <s5c04e21.096@server4.nfra.nl>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline

Crytals 29.0-29.7 MHz how to get

Eim mulder

mulder@nfra.nl

Date: Thu, 30 Jul 1998 07:09:04 -0400
From: Tracy@bytemark.com (Tracy)
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [16453] T68-2 Surplus Special?
Message-ID: <000201bdbbaa\$766aff40\$7d621e26@titan>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

We placed a blanket order for 1,000 T68-2's to be shipped 100 per month for our stock here at ByteMark. Blanket order scheduled delivery is a common way to get the parts at the large quantity price but in smaller quantity deliveries.

Well, on this particular order they sent us the whole 1,000 in a single shipment. We don't need THAT many T68-2's in stock here, so instead of sending them back or just eating the overage we decided it's time for a clearance ...

The T68-2 is normally .90 each, .81 in quantities over 50 through ByteMark. We have 700 that will be available at .60 in quantities of 10 (\$6), and .50 in quantities of 50(\$25). Your 10%QRP-L discount can not be applied to this special, however it will apply to any other parts you may order at that time. Standard shipping applies.

This special is not posted on the website. I've only posted it here and a few newsgroups. Please reference N4LGH T68-2 SPECIAL when you place your order. You can email me direct for the best response.

If you want technical information on the T68-2, you can find it at <http://www.bytemark.com/amidon/content1.htm>

Thanks for your consideration
Tracy Markham, N4LGH
ByteMark / Amidon
tracy@bytemark.com
www.bytemark.com
800 679-3184

Date: Thu, 30 Jul 1998 19:24:03 -0400
From: cy r currier <crc3@telplus.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, "'TonyDrumm@ibm.net'"
<TonyDrumm@ibm.net>
Subject: [16454] RE: RE High altitude jump
Message-ID: <01BDBBF1.121DD7A0@bgr54.lobster.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

we only jumped if we couldn't bring the bird home. in training we road =
some=20
silk down to get a feel for it. what a pain in a pinch. we were only a =
tenth as hi as bob. those issue harnesses didn't fit anyone very well. =
i guess the military=20
wanted to keep us living not loving. cy - k1tes

From: Tony Drumm
Sent: Wednesday, July 29, 1998 11:16 PM
To: Low Power Amateur Radio Discussion
Subject: Re: RE High altitude jump

Actually, it's doubtful that he exceeded Mach 1, although I believe =
there was
some speculation about it. Back in my jumping days, we had two or three =
guys
who decided to try a high altitude jump. They went to the Air Force =
altitude
chamber class, obtained some oxygen gear, and set out in a Twin Beech. =

The
Beech took a *long* time to get to altitude and I don't think they made =
it as
high as they wanted, but ended up somewhere around 20,000 or 21,000 =
feet. The
funny part was jump run. The engines began leaving a contrail and we =
were
wondering how well they would do spotting from that height. As we =
looked up,
there it was - a giant question mark in the sky! =20

Bob says he'll open at 16-18,000 feet. I hope his gear is comfortable. =
I made
the ride down under canopy from 7-10,000 feet on occasion (we called =
them
cross-country jumps and did them on days when it was too windy for =
anything
else), and the harness gets a little tough on the, um, legs. Then there =
was the
tree landing, but that's another story...

Kevin Muenzler WB5RUE wrote:

>=20

> I remember many years ago reading about a guy who jumped out
> of a capsule at 115k feet. It was lifted by a helium balloon.
> What I thought was interesting is that for several seconds he
> was exceeding the speed of sound!

>=20

> Kevin, WB5RUE

> wb5rue@stic.net <http://www.qsl.net/wb5rue>

72,

Tony

AA0SM - Rochester, MN

Date: Thu, 30 Jul 1998 07:38:31 -0400
From: mikemo@ibm.net
To: josh.gould@axom.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [16455] Re: Schematics
Message-ID: <35C05B37.6712@ibm.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Josh.Gould@tiger.axom.com, KC8EQA wrote:

>

> Can any one give me any tips on how to read a schematic?

A good place to start would be chapter 5 of the 1998 ARRL handbook. I'm sure that any year ARRL handbook will have the information you need. Also try your public library for a book on basic electronics.

A schematic is simply a representation of an electric circuit. Components are represented by symbols (capacitors, resistors, transistors, etc.) and the connections between them are represented by lines.

Good luck,
72 de ku4qo
Mike Maiorana

Date: Thu, 30 Jul 1998 08:18:19 -0400
From: Zack Lau <zlau@arrl.org>
To: qrp-1@Lehigh.EDU
Subject: [16456] Re: RESTRICTED ANTENNA NITE TNX
Message-ID: <35C0648B.1BC0@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Heard you with a decent signal working W0RSP (539).
Tried slowing down below 10 wpm but that didn't seem
to help copy. Guess I need more practice with the
slow speed CW techniques in Ade's book--I have more
success calling CQ on 10 GHz.--Zack W1VT

Date: Thu, 30 Jul 1998 06:26:10 -0600
From: "David Ek" <ekdave@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [16457] RE: Elmer 101 archives?
Message-ID: <001e01bdbbb5\$3cf4e900\$13ab85ce@davidek>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang -

My request for the Elmer 101 materials has been satisfied. Thanks to all who replied.

72 de Dave AB0GO

Date: Thu, 30 Jul 1998 08:29:20 EDT
From: N2ICZ@aol.com
To: qrp-1@Lehigh.EDU
Subject: [16458] Intro & ?
Message-ID: <45bb3ba9.35c06721@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi. I'm new to qrp-1 and just wanted to introduce myself.... I've been learning a great deal from the postings and enjoy the banter!! :)

Question. I'm moving to a condo/townhouse in a couple of weeks. QRP operation is all I do, but I used to have the advantage of using a decent antenna.... Now, I'm limited in space... I'm curious as to how some of you have overcome the space limitation issue? I like to home-brew wire antennas. I'm thinking of a magnetic loop? No? I'm also toying with a 1/2 wave loop (20 meters) utilizing either capacitors or the usual tuning stub fed with 300ohm feedline....(very small magnet wire) What about the St. Louis Vertical, but only at night.... Oy!

73,

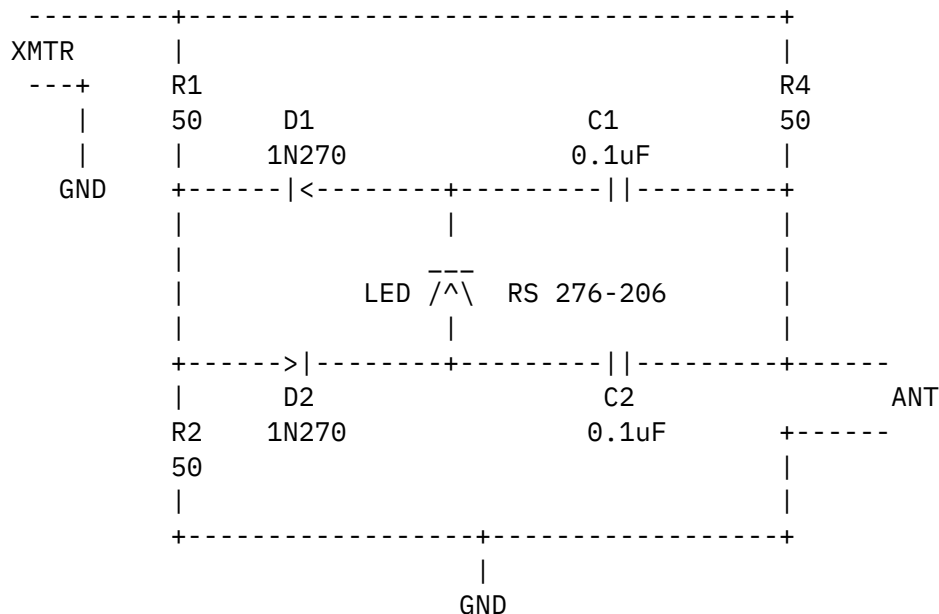
Larry
N2ICZ

Date: Thu, 30 Jul 98 09:05:44 -0400
From: cjl@mail09.mitre.org (Charles J. Ludinsky)
To: qrp-1@Lehigh.EDU (qrp-1@Lehigh.EDU)

Subject: [16459] LED SWR indicator

Message-ID: <980730090543.25662@mail09.mitre.org.0>

Here's a simple variation on the venerable LED SWR bridge/indicator. The circuit uses a diode voltage doubler to increase overall sensitivity, in conjunction with a superbright LED (Radio Shack part). No torroids to wind, no meters.



The combination of the voltage doubler circuit and the superbright LED makes this circuit useful down to a few hundred milliwatts. I've tested it with a Pixie2 at about 250mW, and it still allows one to adjust a tuner to an SWR of less than 1.5 to 1 (actually, even better if one adjusts to the center of the "dark" range when tuning).

The 1N270 is a high current (compared to a 1N34) Germanium diode. Others, including the common silicon 1N914 will work, but with somewhat less sensitivity.

>From tests and simulation, this circuit should work OK from a few hundred milliwatts up to two watts, perhaps a little more before something smokes. On the higher end, it's a little harder to adjust since variations in very bright light levels are hard to detect.

Regards and 72 DE K1CL,
Chuck.

Date: Thu, 30 Jul 1998 07:00:51 -0600
From: jaywa5whn@juno.com (Jay D Miller)
To: qrp-l@Lehigh.EDU
Subject: [16460] 0127 UTC on 17 meters
Message-ID: <19980730.070526.2686.0.JayWA5WHN@juno.com>

qrp-lers,

While everyone else is off discussing PC, I was listening to UAO's {S-5 to S-7} calling CQ with no takers, on 17 meters cw. WOW ! nice signals too, and the usual over the pole slight flutter, plus they had a bit of drift. What's interesting, those former USSR cw ops like working qrp ops. 5 watts & a beam {See, I did learn something from N7IR's talk @ Ft. Tuthill. Think LOUD.} ;-) It's so quiet on 17 meters, that if I can copy a weak station, I can usually work them with a few repeats. The GM-17 & the IC-706 MK II & I feel like the Lone Ranger on 17 meters. I am not complaining, having all of those DX stations to myself, on 17 meters. Icing on the cake, I had dropped to 30 meters to see where everyone was. I had a nice chat with K5DP, Mark using his HW-9 & dipole.

72...Jay, WA5WHN DM65qd Albuquerque, NM USA

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 30 Jul 1998 06:40:41 -0700
From: bens@valint.net
To: <qrp-l@Lehigh.EDU>
Subject: [16461] FS OHR WM-1 MINT
Message-ID: <199807301340.JAA24032@nss4.cc.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I have for sale a mint aligned by factory WM-1 QRP wattmeter i will sell for \$75 ppd in 48.

Bob, KQ7J
bens@valint.net

Date: 30 Jul 1998 09:53 EDT
From: "Michael Babineau" <babineau@nortel.ca>
To: qrp-l@Lehigh.EDU
Subject: [16462] Question for MFJ9420 (SSB Travel Radio) Owners
Message-ID: <199807301354.JAA31184@nss4.cc.Lehigh.EDU>

Hi :

I'm guessing that there must be a few MFJ9420 (20M SSB Travel Radio) owners out there who have purchased the MFJ415B CW adaptor?
In looking at the manual off the MFJ web page, it looks like you end up with no RIT and semi-breakin using a relay? I'm also guessing that because this radio is designed for SSB that the filtering is probably a little wide for CW?

Is the MFJ415B worth buying, or should I just take the \$75 Can that this would cost me and put it towards a 20 CW kit?

Please respond to me directly and I'll summarize to the group, as usual.

Thanks,

Michael
VE3WMB

Date: Thu, 30 Jul 1998 10:10:36 -0400
From: "Edward A Kwik jr" <eakwikjr@hti.com>
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [16463] Elmer 101 It works!
Message-ID: <35C07EDC.E52DBE10@hti.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well I must thank everyone who has contributed the the Elmer 101 project. I put my SW40+ on the air last night for the first time and it

works! I made five contacts while stuffing it into one of Dave's enclosure kits. I have it set for 2 watts out. The sidetone works fine and the T/R QSK is flawless. I hear tons of stations. A couple of the contacts were not the 599 type. They were weak 339 but I could still work them. It really performs well. But that is only half the story. The other half is that I followed the steps as they came out and studied all of the questions and answers. Boy did I learn a lot! Got a degree in EE and hold an advance class ticket but I have never gone into such detail on component and circuit design. It is an eye opener on what can be done via the internet. I plan on doing a lot of show and tell stuff with the rig. First stop will be the church family camp out weekend next month. So to Dave, Mike, Glen, Chuck, and all the others that made this happen, a very big THANK YOU. Here is a list of the stations I worked:

NS3E DE QRP Way cool to work my first contact with another QRP.
N8EAG WV QRP Been talking to Arch quite a bit about this kit.
K9CMN WI
KB8UMD MI
N7RI VA QRP We talked the night before. He had just finished his

SW40+. So last night was my turn. Two way SW40+ QSO.
Very way cool.

I apologize to all of the above for my CW last night. I was really excited.

Ed Kwik KC8JIE qrp-l# 1444 Waterford, MI

Date: Thu, 30 Jul 1998 10:24:37 +0000
From: wd4nak@juno.com
To: listproc@Lehigh.EDU
Cc: qrp-l@Lehigh.EDU
Subject: [16464] Re: No requests found
Message-ID: <19980730.102437.8526.0.wd4nak@juno.com>

What is it about the word unsubscribe that you don't understand . or if I put it this way take me off the E-Mail list /// Take me off the E-Mail list . Thank you Charles WD4NAK

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 30 Jul 1998 15:30:15 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-l@Lehigh.EDU
Subject: [16465] QRP-L Summary of Commands
Message-ID: <199807301430.PAA01298@chuck.dallas.sgi.com>

Gang,

Here is a short summary of some useful commands. Keep these handy.
Please read carefully, it will help when you want to unsubscribe from
the list or get the really neat stuff.

-----cut here-----

QRP-L COMMAND SUMMARY LIST --- VERSION 1.0 --- Aug 14, 1997

NOTES: your_name is to be replaced by your name, e.g. Ludwig Beethoven
your_call is to be replaced by your call, e.g. K5FJZ or NO_CALL

199X 9XMMDD means year 199X and month MM and day DD, thus
1997 970208 is February 8th, 1997 and the digest for
whole day

In some of the examples below the upper case letters are to avoid
confusion.

Your QRP-L numbers are for life. No need to redo it if you unsub
and then come back later, go on vacation, etc. It is a non-contestable
part of any divorce proceedings and non-transferable. It will not
be reissued as part of a 'vanity-number' program. :-) ;-) It cannot
be willed to a family or non-family member. Let us know if you get a
vanity call.

Some of the files in some of the directories that have a .ps in
their name are PostScript files and must be printed or viewed using
a PostScript compatible printer or viewer.

The ACK command will start back individual receipt of postings and
terminates the DIGEST and POSTPONE commands.

email to	command in body or message	results of same
LISTSERV@LEHIGH.EDU	SUBSCRIBE QRP-L your_name your_call	get on the list
LISTSERV@LEHIGH.EDU	UNSUBSCRIBE QRP-L	exit the list
LISTSERV@LEHIGH.EDU	SET QRP-L MAIL DIGEST	rcv digest mode
LISTSERV@LEHIGH.EDU	SET QRP-L MAIL POSTPONE	stop qrp-l temp.
LISTSERV@LEHIGH.EDU	SET QRP-L MAIL ACK	restart qrp-l mail
LISTSERV@LEHIGH.EDU	RECIPIENTS QRP-L	get list of members
LISTSERV@LEHIGH.EDU	INDEX QRP-L -ALL	list files online
LISTSERV@LEHIGH.EDU	GET QRP-L/subdirectory filename	get file from list
LISTSERV@LEHIGH.EDU	GET QRP-L WELCOME.TXT	get welcome file
LISTSERV@LEHIGH.EDU	GET QRP-L/ARCHIVES-OLD/199X 9XMMDD	get one day posts
LISTSERV@LEHIGH.EDU	HELP	get help
LISTSERV@LEHIGH.EDU	RUN QRP-L X GETNR your_call	get secret number
LISTSERV@LEHIGH.EDU	GET QRP-L/MISC MEMBER_NUMBERS.TXT	get secret nr list
LISTSERV@LEHIGH.EDU	RUN QRP-L X QRP_CALL	get calls by area
LISTSERV@LEHIGH.EDU	RUN QRP-L X FCC_CALL callsign	lookup up call
LISTSERV@LEHIGH.EDU	RUN QRP-L X CALLS2DIST call1 call2	lookup call2 & dist
QRP-L@LEHIGH.EDU	Message you want broadcast to group Put none of the above commands in message to the group. Avoid repeating previously posted messages and lengthy signature files, please.	message to qrp-l
ADAMS@SGI.COM	Message	message to Chuck
LUJCE@LEHIGH.EDU	Message	message to Jim

ftp to

FTP.LEHIGH.EDU for ftp site. Note that .Z should be omitted in GET command for getting files uncompressed. Use filename without .Z extent.

web site

<http://www.lehigh.edu/lists/archives/qrp-l> To get postings (all lower case).

If you use the web facilities, please subscribe, then do a POSTPONE.
You will show up on the list and you can post, otherwise you will only be
able to read from the list.

Chuck Adams K5FO Dallas,TX CP-60
<http://reality.sgi.com/adams> adams@sgi.com

Date: Thu, 30 Jul 1998 08:35:43 -0600 (MDT)
From: af852@rgfn.epcc.edu (William R Colbert)
To: qrp-l@Lehigh.EDU
Subject: [16466] Re: Ed Noll books
Message-ID: <199807301435.IAA09439@rgfn.epcc.edu>

I agree with you all about Ed's classic books on QRP Projects
and 73 Dipole and Long Wire Antennas (I used this as a reference
for installation of short VeeBeams in many Central American and
Caribbean locations for an alphabet organization). However,
don't forget his equally classic Transmitter Projects and Principles
which is a great QRP book with both solid state stuff as well
as many projects for the glowbug set. Another antenna book I
use of his is the 73 Vertical Antennas Handbook. good for singular
antennas as well as multi-element phased systems. Lastly, his
book on Wind and Solar power is a good one for those wanting to
start in alternate power systems. Had some nice pix of his qrp/qro
station at the time which was an Argo 509 with the 405 amp
as I recall. Ed is a great source of reading and learning material.
73 Ray

--
Ray Colbert, W5XE
00TC 3618, SOWP 1064M
El Paso, Tx (FAR WEST TEXAS!)
also: w5xe@juno.com

Date: Thu, 30 Jul 1998 09:37:54 -0500
From: burro@panama.gulf.net
To: qrp-l@Lehigh.EDU
Subject: [16467] [Fwd: Arnie Coro]
Message-ID: <35C08542.4B64@panama.gulf.net>

MIME-Version: 1.0

Content-Type: multipart/mixed; boundary="-----D9743B25A38"

This is a multi-part message in MIME format.

-----D9743B25A38

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

All hams - this is Arnie Coro's email address:

acoro@informed.sld.cu

Ask for him back and let them know how much enjoyment and information he brings us and in doing so enhances his country's image.

This will tend to rethink his removal.

-----D9743B25A38

Content-Type: message/rfc822

Content-Transfer-Encoding: 7bit

Content-Disposition: inline

Received: from fidoii.CC.lehigh.EDU (fidoii.CC.lehigh.EDU [128.180.1.4])
by trigger.panama.gulf.net (8.8.8/8.8.8) with ESMTP id UAA05588

for <burro@panama.gulf.net>; Wed, 29 Jul 1998 20:52:17 -0500 (CDT)

Received: from Lehigh.EDU ([127.0.0.1]) by fidoii.cc.Lehigh.EDU with SMTP id
<13537-56270>; Wed, 29 Jul 1998 21:51:21 -0400

Received: from nss4.cc.Lehigh.EDU ([128.180.1.13]) by fidoii.cc.Lehigh.EDU with
ESMTP id <12988-56270>; Wed, 29 Jul 1998 21:50:50 -0400

Received: from hotmail.com (f182.hotmail.com [207.82.251.71])
by nss4.cc.Lehigh.EDU (8.8.8/8.8.5) with SMTP id VAA08496
for <qrp-l@lehigh.edu>; Wed, 29 Jul 1998 21:50:47 -0400

Received: (qmail 18602 invoked by uid 0); 30 Jul 1998 01:50:16 -0000

Received: from 168.28.177.174 by www.hotmail.com with HTTP;

Wed, 29 Jul 1998 18:50:16 PDT

Message-Id: <19980730015016.18601.qmail@hotmail.com>

Date: Wed, 29 Jul 1998 18:50:16 PDT

Reply-To: b2bn@hotmail.com

Sender: owner-qrp-l@Lehigh.EDU

Precedence: bulk

From: "DJ Rock" <b2bn@hotmail.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: Arnie Coro

Content-Type: text/plain

X-Originating-IP: [168.28.177.174]

X-Listprocessor-Version: 8.1 beta -- ListProcessor(tm) by CREN

Has anyone noticed that Arnie Coro's web site has died? There hasn't been a new script posted in over 2 weeks, and I tuned into Radio Havanah last Saturday night, and it was just music during his normal slot. I hope he wantn't purged or somthing. I liked the show.

Get Your Private, Free Email at <http://www.hotmail.com>

-----D9743B25A38--

Date: Thu, 30 Jul 1998 08:39:39 -0600
From: "James R. Duffey" <ji3m@maxwell.com>
To: Wes Spence <ac5k@ih2000.net>
Cc: qrp-1@Lehigh.EDU
Subject: [16468] Feedline Answer
Message-ID: <v03007802b1e633dd2ebc@[199.120.49.102]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Wes - You asked;

"I am considering building a multiband dipole fed with two runs of coax to make a balanced and shielded feed system.... What I need to know is, with a feed system like this, is the loss the same as a mono-band dipole with just one run of the same feedline or is it twice (or half) as lossy?"

The loss is the same. In the balanced case each feeder carries half the current of the single feedline case, but there is twice as much feedline, hence the loss is equal.

This assumes the line is matched in both cases, that is 50 Ohms for the single feeder case and 100 OHms for the balanced case, although with the mismatch you are likely to see this may be a moot point.

I think you may be better off using a 1:1 choke balun at the feedpoint rather than the balanced feedline though. Is there some reason you wish to use balanced feeders on an antenna that can be fed rather nicely with straight coax?? Just curious. Let us know how your antenna turns out. -
Duffey KK6MC/5

James R. Duffey

<ji3m@maxwell.com>

(505) 764-3143

Maxwell Technologies Inc. <http://www.maxwell.com/>
2501 Yale Blvd SE Suite 300
Albuquerque, NM 87106-4200

Date: Thu, 30 Jul 1998 08:46:10 -0600
From: w0yse@juno.com (Neil Klagge)
To: qrp-1@Lehigh.EDU
Subject: [16469] garbled diagrams anyone?
Message-ID: <19980730.084611.14430.1.w0yse@juno.com>

Gang,

I am curious as to whether anyone else is receiving messed up schematic diagrams over the qrp-1. All the spacing is off on succeeding lines so that the vertical lines in the diagrams dont line up. I suspect that this is related to the JUNO account that I am using because when I forward it to my !interact account, it is received by !interact as a normal diagram as it was sent.

Does the diagram below look normal to you? (I hope all 2500 of you dont answer this or I will be very busy).....

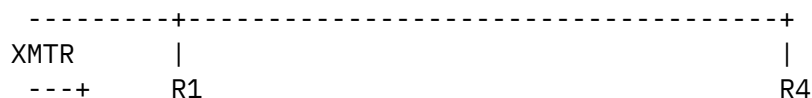
72's

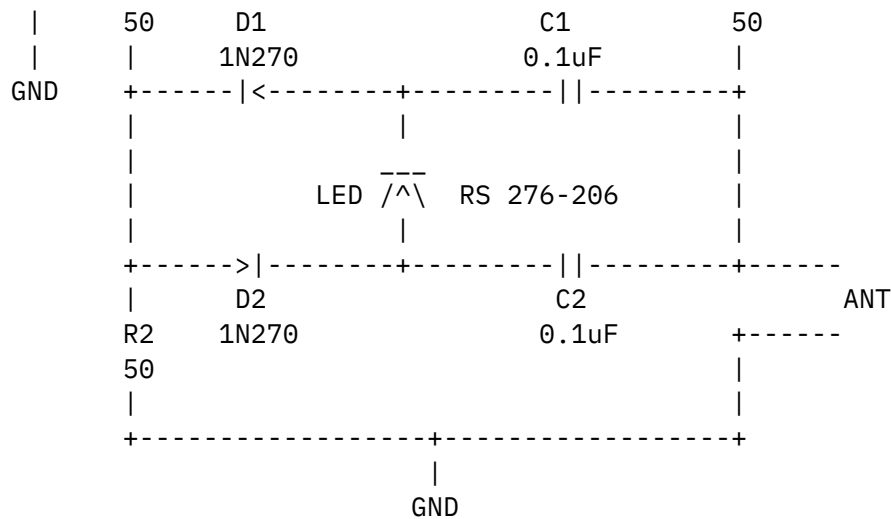
Neil, w0yse since '54
now from Layton, Utah
ARCI, NORCAL, CQC

----- Begin forwarded message -----

From: cjl@mail09.mitre.org (Charles J. Ludinsky)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: LED SWR indicator
Date: Thu, 30 Jul 98 09:05:44 -0400
Message-ID: <980730090543.25662@mail09.mitre.org.0>

Here's a simple variation on the venerable LED SWR bridge/indicator. The circuit uses a diode voltage doubler to increase overall sensitivity, in conjunction with a superbright LED (Radio Shack part). No torroids to wind, no meters.





The combination of the voltage doubler circuit and the superbright LED makes this circuit useful down to a few hundred milliwatts. I've tested it with a Pixie2 at about 250mW, and it still allows one to adjust a tuner to an SWR of less than 1.5 to 1 (actually, even better if one adjusts to the center of the "dark" range when tuning).

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>From tests and simulation, this circuit should work OK from a few hundred milliwatts up to two watts, perhaps a little more before something smokes. On the higher end, it's a little harder to adjust since variations in very bright light levels are hard to detect.

Regards and 72 DE K1CL,
Chuck.

----- End forwarded message -----

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 30 Jul 1998 10:00:27 -0500
From: Mike - WOTMW <crucis@sky.net>
To: w0yse@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [16470] Re: garbled diagrams anyone?
Message-ID: <35C08A8B.BC93E4C0@sky.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Actually, it is due to the Font you are using to display the messages. Most Fonts now are "porportinal", i.e., the spacing between characters varies with the width of the character. For example, three "lll" will take up less space than three "ggg". Non-portionall Fonts such as Courier Fonts, have the same space for each character regardless of the width of the character.

When viewing messages that use chacters to show "pictures" or "prints", switch the Font to Courier.

Mike - WOTMW

Neil Klagge wrote:

>
> Gang,
>
> I am curious as to whether anyone else is receiving messed up schematic
> diagrams over the qrp-1. All the spacing is off on succeeding lines so
> that the vertical lines in the diagrams dont line up. I suspect that
> this is related to the JUNO account that I am using because when I
> forward it to my !interact account, it is received by !interact as a
> normal diagram as it was sent.
>
> Does the diagram below look normal to you? (I hope all 2500 of you dont
> answer this or I will be very busy).....
> -----
> 72's
> Neil, w0yse since '54
> now from Layton, Utah
> ARCI, NORCAL, CQC
> ----- Begin forwarded message -----
> From: cjl@mail09.mitre.org (Charles J. Ludinsky)

> smokes. On
> the higher end, it's a little harder to adjust since variations in very
> bright
> light levels are hard to detect.
>
> Regards and 72 DE K1CL,
> Chuck.
>
> ----- End forwarded message -----
>
> -----
> You don't need to buy Internet access to use free Internet e-mail.
> Get completely free e-mail from Juno at <http://www.juno.com>
> Or call Juno at (800) 654-JUNO [654-5866]

--

```
=====
Mike Watson, W0TMW      QCWA Mbr# 28651, MidContinent Chapter #35
Raymore, Missouri, USA  Grid: EM28st, ARS# 352, QRP-L# 1849  ARCI# 9647
http://www.sky.net/~crucis/linklist.htm   E-mail: crucis@sky.net
=====
```

Date: Thu, 30 Jul 1998 09:02:37 -0600 (MDT)
From: Paul Harden <p Harden@aoc.nrao.edu>
To: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [16471] Arnie C02KK not QRT
Message-ID: <Pine.SOL.3.91.980730084552.8138A-1000000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 30 Jul 1998, Prof.Arnaldo Coro Antich wrote:
> Obviously tuned at the wrong time....
> By the way... It's nice to see that listener miss you !!!
> Thanks
> Sorry for the bandwidth, as this is not QRP-L subject... but had to say
> something about it !!!
> Arnie Coro C02KK

Glad you "said something about it." A few of us were wondering if
you had taken ill or something. Glad you're OK.

I took my cheapo RS DX-350 with me to Ft. Tuthill to listen to Arnie's

show around the campfire, but I guess amidst all the excitement, I forgot about it :-(

For those who haven't heard Arnie's "DX Unlimited" on Radio Havana Cuba, make an effort to listen in some saturday (or tuesday) evening. This is not one of those typical "DX Mailbag" with funky questions from listeners ... Arnie's program starts and ends with real CW and is packed with ham radio information from current solar/propagation conditions, to on-the-air ham activities, to technical stuff. I have participated in a couple of South American CW contests and had a ball from info obtained from Arnie's show. And Arnie *is* a QRPper and discusses the QRP activities when they come along.

Disclaimer: Not connected with Radio Havana Cuba in any way. We do not exchange gifts or send radio stuff back and forth ... although if we could figure out how ... we would!!!

72, Paul NA5N

Date: Thu, 30 Jul 1998 09:12:09 -0600
From: w0yse@juno.com (Neil Klagge)
To: qrp-1@Lehigh.EDU
Subject: [16472] STOP!! GARBLED = SOLVED! THANKS!
Message-ID: <19980730.091210.14430.3.w0yse@juno.com>

Wow! The problem is solved and I feel stupid! When I switched to Courier Fonts the diagram looked normal. Now I understand even better, the difference between proportional fonts and others.

Thanks for all the replies!!

72's
Neil, w0yse since '54
now from Layton, Utah
ARCI, NORCAL, CQC

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 30 Jul 1998 08:18:28 -0700 (PDT)
From: Randy Foltz <rfoltz@wsunix.wsu.edu>
To: qrp-l post <qrp-l@Lehigh.EDU>
Subject: [16473] Band Conditions
Message-ID: <Pine.OSF.3.95.980730081018.24180A-100000@unicorn.it.wsu.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Howdy, gang.

Since there hadn't been many reports on band conditons lately, I thought I'd give a short report. However, I see that my fox hunting buddy AB7TT got to the keyboard first. Nevertheless, I'll report anyway.

Wednesday evening from 0300Z to 0430Z in 3 QSOs I worked 3 continents. First North America on 15 m. Second South America, Columbia, on 15 m. Finally Europe, Sweden, on 20m. All were with 5 w into a Gap Titan.

Tonight to the club station to use the beam at 100 feet.

72,
Randy ex-AB7TK
K7TQ ARCI QRP-L NORCAL ARS FISTS CQC
Moscow, ID

Date: Thu, 30 Jul 1998 08:36:27 +0000
From: Bob Hightower <ki7mn@dancris.com>
To: qrp-l@Lehigh.EDU
Subject: [16474] FS: NC40A, ZM-2
Message-ID: <199807301532.IAA09851@user2.dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have for sale an unbuilt Norcal 40A, Rev B, with KC-1 keyer and front panels. Asking \$150 shipped to you.

Also have an unbuilt ZM-2 Antenna Tuner, \$40 shipped.

Date: Thu, 30 Jul 1998 08:30:50 -0700 (PDT)

From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: Bob Hightower <ki7mn@dancris.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [16475] Re: FS: NC40A, ZM-2
Message-ID: <Pine.LNX.3.96.980730083002.28272A-100000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 30 Jul 1998, Bob Hightower wrote:

> Also have an unbuilt ZM-2 Antenna Tuner, \$40 shipped.

Can you describe the ZM-2 a bit more in depth? How does one use it, etc.?

```
=====
      KC5TJA/6      |      -| TEAM DOLPHIN |-
      DM13          |      Samuel A. Falvo II
      QRP-L #1447   |      http://www.dolphin.openprojects.net
=====
```

Date: Thu, 30 Jul 1998 10:11:37 -0500
From: Bcieslak@ra.rockwell.com
To: qrp-l@Lehigh.EDU
Subject: [16476] RE: 'Somebody to build kits' email bounced
Message-ID: <86256651.00529597.00@ramilwsmt01.ra.rockwell.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii

attn G.Heron@dialogic.com
replies to your email have bounced.....

in response to your request: 'Somebody to build kits'

I have been offering to build rigs for hams who for some physical reason can't build the kits, limited eyesight, arthiritis, things like that. If you have friends that fit that bill let me know and we can make arrangements. As far as able bodied hams who have me build up their kit, I charge a fee and donate it to Handihams.

I do this on my spare time so turn around can vary.
Let me know if anyone is interested.
Brian AE9K

Date: Thu, 30 Jul 1998 09:50:01 -0600 (MDT)
From: af852@rgfn.epcc.edu (William R Colbert)
To: qrp-1@Lehigh.EDU
Subject: [16477] Re: Tuned in at Wrong Time!!!
Message-ID: <199807301550.JAA18124@rgfn.epcc.edu>

RE: Tuned at the wrong time !!!
I listened Saturday nite (Sunday UTC at 0135 UTC) and it was quite good here in Far West Texas. Still no copy on the 13.605 SSB transmission. By the way Arnie, since you did talk about qrp - the posting was qrp related - we would not like to miss any of your fine postings. 73
Ray

--
Ray Colbert, W5XE
OOTC 3618, SOWP 1064M
El Paso, Tx (FAR WEST TEXAS!)
also: w5xe@juno.com

Date: Thu, 30 Jul 1998 10:18:47 -0600
From: "Hulbert, Nick" <nick.hulbert@lmco.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [16478] 220MHZ AUCTION
Message-ID: <5104C9F8B0B5D1118C250000F80625379E5311@emss02m13.ems.lmco.com>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain

Has anyone noticed that the 220-222 MHZ band is up for auction by the FCC on September 15th, 1998. It will go the highest bidder. Any hams out there that are POWER BALL winners care to buy it for us?

Nick KG5N

Date: Thu, 30 Jul 1998 16:44:53 +0000
From: Ed Loranger <we6w@qsl.net>
To: ARDUJENSKI@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [16479] Re: COOKIES WINNER
Message-ID: <35C0A305.1C63@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wow! This is most excellent Alan. Thanks for offering the prize. And thanks to the xyl too.

I tried really, really, hard to win these cookies when you offered them during last years' FOX hunt (Luv ur card!), but couldn't work you on the night of the offering.

You can bet I wasn't going to loaf around on this one :)

Thanks again, I'm sure they are the greatest!

I'm good at <http://www.qrz.com>

Bestest 72'est,
Ed WE6W

ARDUJENSKI@aol.com wrote:

>
> ED (WE6W),
> You win the cookies for last weeks restricted antenna nite drawing. As soon as
> the temp drops this weekend the xyl will fire up the ovens again and we will
> present you with some tasty morsels. Should be in the mail the beginning of
> the week
>
> TNX for participating...Alan KB7MBI

--

72, =ED, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Thu, 30 Jul 1998 09:56:03 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [16480] Re: Band Conditions

Message-ID: <199807301656.JAA07105@usr09.primenet.com>

Howdy Folks,

Randy (K7TQ, ex-AB7TK) wrote:

>

> Wednesday evening from 0300Z to 0430Z in 3 QSOs I worked 3 continents.

> First North America on 15 m. Second South America, Columbia, on 15 m.

> Finally Europe, Sweden, on 20m. All were with 5 w into a Gap Titan.

Hah! It's a tie! :) I worked from WA to CT on 20m in the Indoor Antenna thingy (found the 'test by accident!'), found and worked Slovenia (S59AA? - have to check the log) right after fellow ScQRPion AB7MY bagged him (we hunt in packs ;-)), then finished up with a solid 30-minute chat with Dick in Australia (QTH near Sydney).

So, N.A, Europe and Aussie-Land for me. Wheeeeeeee! Actually, I'd heard the VK and G4XUH having a QSO just below 14.058 or so. When they signed off, I tried calling the G4 first (they're harder to come by for me) then tried calling the VK who came right back to my mighty 5 watts to a stealth HB vert.

> Tonight to the club station to use the beam at 100 feet.

DOH! So, cranking up the competition on me, eh? Be careful or I'll open up that nightly 30m pipeline of JA's to my QTH and run all of Tokyo/Kyoto before sunrise. :-)

Ladies and Gentlemen, please step back from the keyboard and put your hands up. Now walk over to your rig(s) and radiate 'til ya glow! :-)

(Hope the rest of you had a fun night too...)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"And that, my Liege, is how we know the Earth to be banana-shaped." -- Monty Python and the Holy Grail

Date: 30 Jul 1998 12:58:25 -0400
From: Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
To: PGSPersEng@aol.com
Cc: qrp-l;;
Subject: [16481] Re: Elmer101: SWR concerns
Message-ID: <1998Jul30.125825-0400@[130.113.234.7]>

In <5fa6799b.35c01bf4@aol.com>, PGSPersEng@aol.com wrote:
>In Mike's final Elmer101 installment, he warns against keying the rig with a
>poor SWR at the antenna connector, indicating it could wipe out the final
>transistor. I've seen this same warning many times before.
>
>Could somebody please explain to me the mechanics of what's going on? Why
>should the transistor care what kind of SWR is out there? What happens in
>terms of emitter/collector voltages and currents that destroys the device?

Going to take a crack at answering. Haven't smoked a rig
this way myself, so am going to apply some theory....

When you've got a 50ohm resistive load at the antenna jack, then Q6 sees
close to 50 ohm NON-REACTIVE as well. This is because the PI-filter
consisting of C37, L3, C38, L4, C39 transforms the 50-ohm antenna.....
into a 50-ohm impedance at its other end (at the transistor). This is
true only at one frequency...7MHz.
Everything runs great this way.

Now suppose you pull the antenna off....
The PI network was designed for 50 ohm load. Now the load is infinite.
Q6 sees a whack of reactance now, when it used to see about 50 ohms.
Or suppose you short the antenna out....
You've STILL got a whack of reactance at Q6's collector, although
it's value will be different than the case where load is infinite.

I modeled Q6 as a SPST switch (to ground) that opens and closes at
a 7 MHz. rate. What's the switch see on its collector? A whack of
reactance...perhaps inductive reactance from L2. This would look
like a flyback switch (like a car's spark-plug coil and distributor):

During the time that Q6 is ON, current climbs (linearly) in L2, as
current passes thru L2, thru Q6 to ground. Then Q6 turns OFF. L2's
current goes to zero, and the voltage across L2 swings w-a-y above
the supply voltage. Bad news for Q6, which can't take a big over-
voltage on its collector. D12 saves the day by clipping voltage
excursions on Q6's collector to +33 volts.

I once saw +160 volt spikes on the collector of a transistor
operating in a circuit like this (with a 12v DC supply). The circuit

became unstable because of the high (and reactive) load impedance, and turned into a low-frequency oscillator with these huge, sharp spikes. Luckily, the device survived.

When you've got a proper antenna load, the load resistance "damps" the wild voltage swing, so that it doesn't even get high enough to cause D12 to conduct. In this case SWR is low, because you've got a load close to 50 ohms.

Date: Thu, 30 Jul 1998 18:06:09 +0000
From: "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>
To: qrp-l@Lehigh.EDU, gqrp-l@blacksheep.org
Subject: [16482] Frequently asked questions
Message-ID: <E0z1wAz-00064u-00@hen.scotland.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

It seems some subjects come up on the lists very regularly, like:
What kit so you recommend?
What portable antenna?
and so on...

In order to provide a reference point for newbies especially, would it be an idea to correlate all your ideas together on my web site? If you think this is a worthwhile idea, let me know and what subjects in addition to the above would you suggest? Obviously the views expressed would be subjective and the readers would make up their own minds, but it could be a help. Please take a few moments to reply and I await your help.
Best wishes.

--73--

Frank G3YCC G QRP 042
email: g3ycc@g3ycc.prestel.co.uk
QRP web Site: <http://www.homeusers.prestel.co.uk/g3ycc/>
Packet: G3YCC@GB7HUL

Date: Thu, 30 Jul 1998 17:18:07 +0000
From: Ed Loranger <we6w@qsl.net>
To: ARDUJENSKI@aol.com
Cc: qrp-l@Lehigh.EDU
Subject: [16483] INDOOR ANT. LOG - WE6W

Message-ID: <35C0AACF.6E69@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I got home 25 minutes before the test. I had done absolutely nothing to prepare for the indoor sprint, but in the spirit of QRP, I knew I'd have something ready real quick.

So I grabbed the MagLoop (3 Foot Diameter) from the side yard and quickly roped it about 3 foot off the concrete floor inside the garage. 20 Meters all set. (I did have to fix the rotor wire which I found had been cut somehow...) A quick battery connection and tune-up followed.

OK. 8 minutes to go. Grabbed the rolled up spare 40 meter dipole made from 16 AWG heater cord. Previously Cut and tested last year, and installed it in place of the 300 TV feed going to my outside antenna. I ran the legs up and along the garage ceiling, having to bend them into a Rhombic-style shape to fit.

Station: Drake TR-3 At 5 Watts
20M Ant: 3 Foot Dia. Mag loop up 3 feet.
40M Ant: 40 M. dipole up 8 feet/Rhombic shaped.

Results: On the air at 0100Z and 15 seconds!

SENT: RST CA 5W

LOG: (Z) QRG CALL Snt/rcv ST PWR

```
+-----+-----+-----+-----+-----+
0126 14.060    W7CD 449/549  WA 5W
0144 14.060    W7QC 569/579  WA 5W
0210  7.141    KN6AE      579/229 CA 5W
0239 14.060    KB7MBI     559/599 WA 5W
0255 14.060    W0RSP      569/559 SD 3W
```

The only really shaky QSO was with Alan cuz I heard an AZ station drift in during the exchange. It was great hearing Ade work Alan! I chased Ade around but started giving up when suddenly he calls me!

I only found KN6AE at the Novice QRG -- But at least I worked someone on 40 meters with my LOW ant.

I think the Mag loop is the clear winner here!

Maybe next time I'll have one for 40 meters.

Best to all and a huge thanks to Alan for
creating the interest and motivation for
this sprint.

Best Operating to all,
Ed we6w

--

72, =ED, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Thu, 30 Jul 1998 13:26:22 -0400
From: VE3JC - John C <jbcumming@wwdc.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [16484] Bumblebee '98 Photos & Report
Message-ID: <35C0ACBC.9B4CACF9@wwdc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well the 1998 "Flight of the Bumblebees" was just as much fun as last year! Since I was vacationing at my sister's cottage in Muskoka, I decided to canoe / hike to a favourite spot of my youth - the site of a firetower on "Lost Channel" off the Severn River. The firetower was taken down years ago (used to love to climb it as a kid), but the concrete steps which remain made a reasonably comfortable operating position, and the high elevation on the Canadian Shield helped improve my results over '97. I have several photos of my BB site on my web page (<http://www.geocities.com/CapeCanaveral/Lab/7378/>)

I had hoped to canoe out on Monday to meet Ken VE3ELA, whose bumblebee location was only 10 miles "as the crow flies" from mine (after all, Ontario only has 412,000 square miles so we have to crowd in!). Unfortunately, heavy rains and thunderstorms interfered with those plans.

Thanks to ARS for a great contest.

Final results: 40m: 15 QSO's (5 BB)
 20m: 41 17 BB
 15m: 2 2 BB
 for 3,456 points

States: 27 Provinces: 3 Mosquitoes: 50 Rattlesnakes: 0
(whew!)

VE3JC - JOHN CUMMING
192 WELLINGTON ST. DELAWARE, ON CANADA, N0L 1E0

Date: Thu, 30 Jul 1998 13:42:46 -0400
From: Stewart Whitehouse <STEW_W@compuserve.com>
To: Low Power Amateur Radio <QRP-L@Lehigh.EDU>
Subject: [16485] 10 Meters open
Message-ID: <199807301343_MC2-54A6-DA28@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Hi Folks,
Just a note too let everyone know that I'm hearing the NCDXF/IARU beacon
ZS6DN (South Africa) on 28200khz (1725Z). Getting all four dashes about 5=
0%
of
the time, and the third one about 90% of the time. I'm also seeing
(ms_dsp), and
hearing another beacon about one minute later but haven't ID'd it yet.
Might be
5Z4B in Kenya or 4X6TU in Tel Aviv. Guess what; a check of the CW portion=
of
10 meters shows NO activity.

For those inquiring minds the NCDXF/IARU beacons transmit their Callsign
and
1st dash at 100w and the 3 following dashes at 10, 1, and 0.1 watts. Thes=
e
repeat
about every three minutes. For more info on the NCDXF/IARU beacons contac=
t:

NCDXF
P. O. Box 2368
Stanford, CA 94309-2368 USA

Or <<http://www.ncdxf.org/beacon.htm>>

Have fun es gud dx
72
Stew KE4YH
Dunedin, Florida
EL88oa

Date: Thu, 30 Jul 1998 13:52:00 EDT
From: RangerSF5@aol.com
To: qrp-1@Lehigh.EDU
Subject: [16486] Info on the rit kit Mod
Message-ID: <35949827.35c0b2c1@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi Gang
Well the only computer store in my area who can scan this mod onto a disk for me wants \$30.00 for a set up fee and \$12.00 to put it on a disk.
I Made 20 copies so please send your snail mail address and i'll do my best to get them all out buy Saturday
Bob
WA2HOQ

Date: Thu, 30 Jul 1998 12:56:41 -0500
From: Chuck Carpenter <w5usj@webwide.net>
To: qrp-1@Lehigh.EDU
Cc: Paul Harden <pharden@aoc.nrao.edu>
Subject: [16487] PFM Beacon
Message-ID: <3.0.1.32.19980730125641.006966e4@mail.webwide.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Paul, I need one of these 8^)...

>When the battery voltage is sufficiently recharged, SOHO
>will self initiate a beacon "please find me" mode.

Do you know if there is a QRP kit available?

> The combination of the voltage doubler circuit and the superbright LED makes
> this circuit useful down to a few hundred milliwatts. I've tested it with a
> Pixie2 at about 250mW, and it still allows one to adjust a tuner to an SWR of
> less than 1.5 to 1 (actually, even better if one adjusts to the center of the
> "dark" range when tuning).
>
> The 1N270 is a high current (compared to a 1N34) Germanium diode. Others,
> including the common silicon 1N914 will work, but with somewhat less
> sensitivity.
>
> >From tests and simulation, this circuit should work OK from a few hundred
> milliwatts up to two watts, perhaps a little more before something smokes. On
> the higher end, it's a little harder to adjust since variations in very bright
> light levels are hard to detect.
>
> Regards and 72 DE K1CL,
> Chuck.

Date: Thu, 30 Jul 1998 14:01:06 -0400
From: Scott Howell <showell@hq.nasa.gov>
To: jrybak@mesa7.mesa.colorado.edu, "Low Power Amateur Radio Discussion" <qrp-
1@Lehigh.EDU>
Subject: [16489] Re: Political Correctness?
Message-ID: <3.0.5.32.19980730140106.007cd770@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

this list of course isn't for this discussion, but I just wanted to say I
honestly don't believe the comments were ment to be harmful etc. A point
being made perhaps not the best points to use for illustration purposes.
Lets not get a flame war raging here please.
Think the intent was to point out that because of the so called politically
correct gig, those that um suposedly to help those with special needs etc..
I think here the point was that this hurts those folk not help and this I
would agree is true. Again I hope this at least my spin on things is
correct and we can avoid a flame war here.

At 03:46 PM 07/29/1998 -0600, James P Rybak wrote:

>
>I commend Paulette Quick for her comments. They are right on target. I
>personally would be highly offended (maybe "outraged" is a better word)
>if anything were to be "dummied down" for me for any reason.
>
>Think about it. Making things easier for people for reasons of

>"political correctness" is blatant patronizing of those people. It
>implies that the people of that group are not capable of meeting the same
>standards expected of others. That attitude is BIGOTRY, plain and simple.
>When will the politicians and other "do-gooders" figure this out. They
>actually are hurting the people whom they supposedly are trying to help.
>
>The whole business of trying to build self-esteem in people by pretending
>that mediocre achievement is "real" achievement is hurting our society.
>I think that we all feel best about ourselves when we achieve something
>which we know was very difficult and which took a lot of work on our
>part. I don't place any real value on nor do I feel particularly good
>about "achievements" for which I didn't work hard.
>
>'Nuff said.
>
>73,
>
>Jim W0KSD
>
>
>
>

Date: Thu, 30 Jul 1998 13:10:21 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: pharden@aoc.nrao.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [16490] Re: Arnie C02KK not QRT
Message-ID: <35C0B70D.ACC9753C@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Paul, how about a time and freq for Arnie?

72/73, George
Amateur Radio W5YR, 52 years and counting!
QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403
AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Paul Harden wrote:

> For those who haven't heard Arnie's "DX Unlimited" on Radio Havana
> Cuba, make an effort to listen in some saturday (or tuesday) evening.
> This is not one of those typical "DX Mailbag" with funky questions

> from listeners ... Arnie's program starts and ends with real CW and
> is packed with ham radio information from current solar/propagation
> conditions, to on-the-air ham activities, to technical stuff. I have
> participated in a couple of South American CW contests and had a ball
> from info obtained from Arnie's show. And Arnie *is* a QRPper and
> discusses the QRP activities when they come along.
>
> Disclaimer: Not connected with Radio Havana Cuba in any way. We do
> not exchange gifts or send radio stuff back and forth ... although if
> we could figure out how ... we would!!!
>
> 72, Paul NA5N

Date: Thu, 30 Jul 1998 13:14:17 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: tpettibo@nmsu.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [16491] Re: Bosnia and ZM-2
Message-ID: <35C0B7F9.9723C792@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The world is even smaller, Tim.

My son is in the Foreign Service and is leaving his present station on the island of Mauritius in early August for a three-year assignment in Sarajevo, Bosnia.

He will be the Information Officer there in the Embassy.

He is K5SR (got his Extra at age 13 with all testing by the FCC!) but I have been unable to interest him in ham operation for years now. Maybe someday . . .

72/73, George
Amateur Radio W5YR, 52 years and counting!
QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403
AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Tim Pettibone wrote:

>
> Finally found some time to finish my ZM-2 and it works great. Right now the
> Titan vertical is down for some minor repairs and am using my assymetric

> zepp fed with 300 ohm lead up about 20'.
>
> Just worked YU4WU on 14.040 at 0520z. He's in Bosnia. My son is in the
> Army and is going to Bosnia in September for a 6 month assignment. Small world.
>
> Tim K50I/QRPP
> Las Cruces, NM (the land of enchantment)
>
> p.s. We are off tomorrow for quick trip over to Ft. Hood Texas to visit my
> son and his family before his departure. Maybe I'll work some of you mobiling.

--

72/73, George
Amateur Radio W5YR, 52 years and counting!
QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403
AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Date: Thu, 30 Jul 1998 13:30:25 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: PGSPersEng@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [16492] Re: Elmer101: SWR concerns
Message-ID: <35C0BBC1.B8C39BCB@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Paul, find a copy of "Reflections" by Walt Maxwell, W2DU, for the best discussion of SWR that you can find in a reasonably non-technical manner. He published most of the contents of the book in a series of articles in QST starting in 1973, if you cannot find the book.

Very briefly (not in words but in terms of what the subject requires), if a rig is designed to operate into a 50-ohm load and the load is not 50 ohms, then you can imagine that the finals might object to a load that they were not designed for. Their job is to convert d-c input power into r-f output power, and they are designed to do this best when a specific load is connected to them.

Now, if the SWR in the 50-ohm feedline to the antenna is not 1:1, this means that the load presented to the transmitter is NOT 50 ohms and the finals will not operate as designed. They could simply produce less power, or put out distorted signals, or simply burn up! The exact load will depend upon the frequency and the length of the feedline, among

other things.

So, transmitters DO care about feedline SWR, big time. Most commercial rigs today use SWR detection and power limiting circuitry to minimize damage. Most QRP rigs do not, for simplicity. Most commercial rigs use transistors that in many cases cannot be damaged even with open or short-circuit loads. Most QRP rigs do not.

There used to be an old wives' tale that the reflected power that is present in the line due to improper termination "goes back into the transmitter and burns it up." This is total nonsense, aided and abetted by the CB types who know only how to measure SWR and therefore describe all elements of operation in terms of SWR.

Transmitters are damaged or are otherwise "unhappy" with SWR readings that differ from 1:1 NOT because they get any reflected power dumped into them. Rather, they are presented with a load that they were not designed handle and they object the only way they can: they turn less of the d-c input power into r-f output power so they run hot or burn themselves up.

In a practical sense, SWR can vary quite a bit from the magic 1:1 value without dire things happening in most cases, so don't get a fetish about that.

The latest ARRL Antenna Book has very good discussions on this subject, but since you seem to be new to the subject, perhaps the above summary will put your mind at ease and encourage you to dig further.

72/73, George

Amateur Radio W5YR, 52 years and counting!

QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403

AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

PGSPersEng@aol.com wrote:

>

> In Mike's final Elmer101 installment, he warns against keying the rig with a
> poor SWR at the antenna connector, indicating it could wipe out the final
> transistor. I've seen this same warning many times before.

>

> Could somebody please explain to me the mechanics of what's going on? Why
> should the transistor care what kind of SWR is out there? What happens in
> terms of emitter/collector voltages and currents that destroys the device?

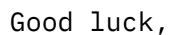
>

> I've always been curious about this aspect and would appreciate some insight
> from the list gurus.

>

For those of you using juno email: I am now able to print good ASCII schematic diagrams on my printer by going to the FILE menu, then to PRINT SETUP, and choosing COURIER font 10pt. I also selected an 80 character line length. Your mileage may vary.

Here is an example for you to fool with on your fonts:



```
-----  
72's  
Neil, w0yse since '54
```


Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [16495] Re: No requests found
Message-ID: <35C0BF7F.65921128@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

What is it about "read the information that you were sent when you subscribed" that you don't understand?

None of the readers of this list can do anything about your problem.

Read your information and then follow the steps and you will be gone - probably a good thing.

72/73, George
Amateur Radio W5YR, 52 years and counting!
QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403
AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

wd4nak@juno.com wrote:

>
> What is it about the word unsubscribe that you don't understand . or if I
> put it this way take me off the E-Mail list /// Take me off the E-Mail
> list . Thank you Charles WD4NAK

Date: Thu, 30 Jul 1998 14:52:30 EDT
From: PDouglas12@aol.com
To: qrp-l@Lehigh.EDU
Subject: [16496] PC board material?
Message-ID: <53cdf6aa.35c0c0ef@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi Gang,

A good while back someone posted a lead on blank, unsensitized plain old PC board material (odd sizes and surplus) -- a bundle of boards was offered for a surplus price. I am working on assembling parts for a homebrew project and lost track of that source. I have a few odd pieces of double-sided, but my junk box is devoid of single sided stuff. Meant to order some when it was posted but you know how it is....

Does any kind soul in the group have a web or snail mail address for whoever was selling these PC boards?

Thanks, es 72,

Preston Douglas WJ2V

Date: Thu, 30 Jul 1998 14:52:12 EDT
From: SKIPNC90@aol.com
To: bobg@cecomet.net, qrp-1@Lehigh.EDU
Subject: [16497] Re: Helpo with URL
Message-ID: <13654cc0.35c0c0dd@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi Bob,

Here is the URL to the NTE/ECG Web Site:
<http://www.nteinc.com>

To get right to the NTE cross reference page:
http://www.nteinc.com/Web_pgs/Prodindex.html

It is nice to have all these eferences at hand.

73 De Skip NC90

Date: Thu, 30 Jul 1998 13:56:29 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: stras@ecf.utoronto.ca
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [16498] Re: Elmer101: SWR concerns
Message-ID: <35C0C1DD.5A2E398B@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Luke, Walt includes extensive references in the book. Almost any of the standard texts on antennas and transmission lines cover the subject very well.

Sounds like you would be more interested in transmitter design to involve the effects of improper SWR on amplifier operation and design. I don't have an immediate reference for you on that, but surely many articles have been written in the professional journals on semiconductor devices for r-f applications, etc.

I would try the Web pages of the professional organizations and journals and see what a search turns up.

The ARRL Handbook as well as several other ARRL publications address transmitter design at the component level.

72/73, George

Amateur Radio W5YR, 52 years and counting!

QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403

AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Luke Stras wrote:

>

> On Thu, 30 Jul 1998, George T. Baker wrote:

>

> > Paul, find a copy of "Reflections" by Walt Maxwell, W2DU, for the best

> > discussion of SWR that you can find in a reasonably non-technical

> > manner. He published most of the contents of the book in a series of

>

> So what can you recommend as a technical discussion of SWR effects? By

> "technical" I mean textbook- or journal paper-style writeups.

>

> I already know (in *far* too much detail <g>) what SWR is and how it

> relates to transmission lines, terminating impedances, and so on.

> However, this was taught in an electromagnetic fields course, and we did

> not concern ourselves with the devices that actually *drive* the line.

>

> 73 de VA3LNS

>

> --

> Luke Stras stras@ecf.toronto.edu

> Code Monkey, UTIAS Flight Simulation Group (416)667-7725

> "...Unix is user friendly. It just happens to be very selective

> about who its friends are." -- Kyle Hearn on a.s.r

--

72/73, George

Amateur Radio W5YR, 52 years and counting!

QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403

AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Date: Thu, 30 Jul 1998 13:57:35 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: stras@ecf.utoronto.ca
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [16499] Re: Elmer101: SWR concerns
Message-ID: <35C0C21F.AAC64747@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

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72/73, George
Amateur Radio W5YR, 52 years and counting!
QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403
AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Luke Stras wrote:

>
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>
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> relates to transmission lines, terminating impedances, and so on.
> However, this was taught in an electromagnetic fields course, and we did
> not concern ourselves with the devices that actually *drive* the line.
>
>

Date: Thu, 30 Jul 1998 15:21:19 EDT
From: RangerSF5@aol.com
To: qrp-1@Lehigh.EDU, qrp@qth.net, CW@qth.net
Subject: [16500] RIT KIT/Scanning info to you looks good
Message-ID: <973691c9.35c0c7b1@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Wow,
I never knew so many out there needed info on the RIT KIT
GOOD NEWS!!!
Hang in there
I dug up a local person who has a flat bed scanner who is going to scan
everything for me tonight at 8:PM
I decided to toss in some info on the MFJ also.
Please hang in and when I receive the upload tonight,everyone that requested
it will get it.
You guy's/gal's with JUNO send your Snail mail address.
Also,thanks to AL VE6BPR to want to help.
Al,if for some reason this fails,I have your number.
Thanks again.
Bob
WA2HOQ

Date: Thu, 30 Jul 1998 15:24:34 -0400
From: Luke Stras <stras@ecf.utoronto.ca>
To: qrp-1@Lehigh.EDU
Subject: [16501] Re: Elmer101: SWR concerns
Message-ID: <Pine.SGI.3.96.980730151126.576G-100000@skule.ecf>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> Luke, Walt includes extensive references in the book. Almost any of the
> standard texts on antennas and transmission lines cover the subject very
> well.

My current primary reference on SWR stuff is a bunch (~200 pages) of notes
from an electromagnetics course I took. I plan to pick up Kraus'
Antennas fairly soon -- I flipped through it once, and was very
impressed.

> Sounds like you would be more interested in transmitter design to
> involve the effects of improper SWR on amplifier operation and design. I

I think you hit the nail on the head here.

Actually, I'm very interested in references on power amplifier design in general. I noticed that the electronics books I've had access to treat the subject fairly superficially. I learned electronics from Sedra & Smith's Microelectronic Circuits -- a great (text)book for learning small-signal electronics, but it's section on PAs are next-to-worthless. I am currently reading Bowick's RF Circuit Design, but I noticed that it has only one thin chapter on PAs (though it has an excellent discussion of small-signal circuit design using linear device models).

> don't have an immediate reference for you on that, but surely many
> articles have been written in the professional journals on semiconductor
> devices for r-f applications, etc.

Well, yes, that's the problem -- there has been so much written on the subject that I don't know where to start looking. Which is why I turned to the list to ask for a recommended textbook.

> The ARRL Handbook as well as several other ARRL publications address
> transmitter design at the component level.

I guess I have to re-read the Handbook. I read Solid State Design, but somehow I didn't like the section on amplifier design. I guess this is a fault of my education -- I *like* lots of math, and anytime I feel someone is handwaving, I get a bit suspicious. I must say that I learn far better and faster from, say, a textbook or a paper than from a more mass-market book like most of the ARRL publications tend to be. Though I must say that the "mass-market" books do tend to provide a heck of a lot more practical circuits, which theoretical books do not.

73 de VA3LNS

--

Luke Stras stras@ecf.toronto.edu
Code Monkey, UTIAS Flight Simulation Group (416)667-7725
"...Unix is user friendly. It just happens to be very selective
about who its friends are." -- Kyle Hearn on a.s.r

Date: Thu, 30 Jul 1998 13:25:57 -0600
From: John Evans - N0HJ <jaevans@codenet.net>

Greetings,

Another gotcha which rears its head for me from time to time occurs when I subscribe to a list from home and pop into my mail server at work. Even though I may get my mail via my ISP, if I try to unsub or take actions via my machine at work, sometimes the list server will choke on such actions if the mail is bounced off a mail server it is unfamiliar with.

- 1) Save the info you get when you subscribe and
- 2) If difficulties arise, send your action/requests from the same connectivity point each time

Norcal #262 QRP-L #219 QRP-ARCI #8303 NE-QRP #213 CQC #045
CQrp #15 NJ-QRP #50 AK-QRP #52 NW-QRP #454 FISTS #3184
Personal Web Page: <http://www.geocities.com/capecanaveral/9773/>

Date: Thu, 30 Jul 1998 12:52:33 -0700
From: robert.j.lockwood@exgate.tek.com
To: qrp-l@Lehigh.EDU

Subject: [16503] QRP+ For Sale
Message-ID: <9B2BEE809C00D2118A7E0008C7285780100FEE@us-wv-m10.wv.tek.com>
MIME-Version: 1.0
Content-Type: text/plain

For Sale Index Labs QRP+. Mint condition. Only used about a dozen times.
Never used in the field.

No mods made. Original packing and manual.

\$375

Bob Lockwood (N4AHB)
Robert.Lockwood@tek.com

Date: Thu, 30 Jul 1998 12:54:47 -0700
From: gsurrency@juno.com (Gary L Surrency)
To: vole@primenet.com
Cc: qrp-l@Lehigh.EDU
Subject: [16504] Re: Band Conditions
Message-ID: <19980730.125448.10678.0.gsurrency@juno.com>

Gang,

Yes, Joe is right. 20m was very good last night. The noise floor was low, and lots of EU and Asia stations were operating. Sounded like the 20m band did in 1978 to me. QSB was light, and you could imagine the signals bouncing off the ionosphere as you tuned and listened. Very cool indeed.

Local time was late, 11:00 PM to 12:30 PM (0600 utc to 0730 utc). Here's a list of stations I heard:

DK4IY
DK1SV
SM3BPY
HA2RX
OK2PO
GW4OFQ
DL8WF
F9XL

And, here's the ones that I worked; i.e. the ones that heard my puny QRP sigs:

YU4WU Yes, Tim. I worked 'em too. ;-)

F8RZ

S59AA I actually could hear Joe, AB7TT work him after I signed with him!

CM8VP A friend of Arnie's? Nice & fast CW, but a funny 2-tone characteristic.

LA0CX

UE0ZZZ

So stay up late, turn off the computer, and turn on the rig and listen! :-)

Rig used:

OHR100 w/KC-2 and 10 turn tuning pot at 5 watts.

Sloper dipole for 20m, up only 18 feet. The R7000 couldn't hear most of 'em.

PIEXX MC-1 keyboard

72,

Gary Surrency AB7MY

S&S TAC-1(40&80m) ARK30 38S OHR100 w/KC-2 HW-9 TS-570D NC40A
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 30 Jul 1998 15:18:27 -0700
From: Don Bowen <don.bowen@chrysalis.org>
To: qrp-l@Lehigh.EDU
Subject: [16505] Argonaut sold
Message-ID: <35C0F133.2867@chrysalis.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The Argonaut 509, which I recently listed here for a friend, has been sold. Thanks for all of the response, and for the use of qrp-l.

Don Bowen
K5LHO

Date: Thu, 30 Jul 1998 13:58:22 -0700 (PDT)
From: Bernie Doehner <bad@uhf.wireless.net>
To: qrp-1@Lehigh.EDU
Subject: [16506] WTB: NCG 15 meter rig (not quite QRP, but I can always turn power , down).
Message-ID: <Pine.BSF.3.96.980730135746.1935D-1000000@uhf.wireless.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Please send price/condition.. Wanted for cross-country trip...

Also let me know your interest in trading for:
FT690RII (6 meters)
Midland Syntech converted to 6FM (50W, 80 channels)
IC-2AT
TH-31AT
IC-U16
IC-12AT
900 Mhz. vertical
900 MHz. 33 element loop yagis (2).
HP8558B spectrum analyzer.
Norcal Cascade 75/20 meter SSB rig.

Thanks.

Bernie

Date: Thu, 30 Jul 1998 18:12:01 -0400
From: "John J. McDonough" <jjmcd@tm.net>
To: <ARDUJENSKI@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [16507] Re: INDOOR ANTENNA NITE
Message-ID: <199807302156.1962400@is1.tm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Well, indoor antenna nite was something of a bust here, but not a total loss.

I decided to see if I could make a Hamstick work. Stuck it upstairs (ground floor - the shack is in the basement) on a piece of chicken wire for a ground (too small, but what I had). Listened around on 40, very few sigs, didn't sound so good. So, on went the 20 meter stick (I generally like 20 better anyway). Well this sounded pretty good. Tried answering a DK calling CQ but he came back to some QRO guy. Had a nice Q with N4FNG/QRP (who I had worked some months back - nice old radio on his card!). Kind of tough copy, but the way the band was hey, at least this contraption worked!

So we wait for 0100 and guess what - nada! Oh, a few FISTS guys down the band a bit, but a half hour of listening around and doing CQ VVV yeilded nothing. Decided to try 40 again, this time lots of signals, but no clear place to call CQ, and not a single VVV on the band. So back to 20 and nothing had changed.

Finally around 0230 gave it up, packed up the Hamstick, good ol vertical back on, and of course, THEN everyone moves to 20. Oh well, gotta try this again sometime. This indoor thing is an interesting problem.

72/73 de WB8RCR
didileydadidah

Date: Thu, 30 Jul 1998 16:01:14 -0600
From: "J. C. Joba" <jcjoba@sk.sympatico.ca>
To: rfoltz@wsunix.wsu.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [16508] Re: Band Conditions
Message-ID: <35C0ED2A.27E94BF5@sk.sympatico.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Randy I'm interested in how you have found the GAP Titan's performance both for QRP and 100 watt operation. Any info would be greatly appreciated. I've heard it out performs most verticals. Do you agree? Thanks ... 72 John VE5JCJ.

Randy Foltz wrote:

> Howdy, gang.
>
> Since there hadn't been many reports on band conditons lately, I thought
> I'd give a short report. However, I see that my fox hunting buddy AB7TT
> got to the keyboard first. Nevertheless, I'll report anyway.
>
> Wednesday evening from 0300Z to 0430Z in 3 QSOs I worked 3 continents.
> First North America on 15 m. Second South America, Columbia, on 15 m.
> Finally Europe, Sweden, on 20m. All were with 5 w into a Gap Titan.
>
> Tonight to the club station to use the beam at 100 feet.
>
> 72,
> Randy ex-AB7TK
> K7TQ ARCI QRP-L NORCAL ARS FISTS CQC
> Moscow, ID

Date: Thu, 30 Jul 1998 18:01:14 EDT
From: Davewb4@aol.com
To: qrp-L@Lehigh.EDU
Subject: [16509] A good project a better rig finished
Message-ID: <565f954.35c0ed2b@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi Gang: Well the information is all on paper. Because of the high interest from so many guys and a gal who had never built anything but a kit before, and thought they might like to try a little dead bug construction, I put in a little extra effort on the info. I have taken the original schematics from QST and used white out to get rid of all the non usable circuitry, I then added the modifications that make this a CW only rig. The package consists of eight pages, 5 are schematics (receiver, transmitter, TR switch with sidetone , relay driver and digital readout buffer/am).The other three are tips on how to build each board and some tune-up info. A scope and a frequency counter will make life a little easier but you can build it just using your big rig as a frequency indicator. if you opt for the digital readout order that first and you can use it as a frequency counter. (Just crank the I.F. offset to zero)

I believe it will be available on someones web site and that will include pictures of the one I built which will help. The package does not contain any case information but I tried that ABS plastic and that stuff is great.

Thats all the good news, The bad is the postage is two stamps. I stuffed an envelope and weighed it and its about 60 cents first class US mail. You should also have a copy of the original April 1997 QST article for the parts list and an understanding of Dave Benson's original design. I believe all the info is correct but remember I had to proof read my own information so if you find any errors let me know. If you get stuck just E-mail me I have a working rig here.

O.K. If you are interested in a copy of all the material just send me an SASE with 2 stamps to:

WB4CHK
David L. Rogers
1760 S.W. 72 ave.
Plantation, FL 33317

Good Luck & Good Building
Dave

Date: Thu, 30 Jul 1998 15:04:06 PDT
From: "laura halliday" <marsgal42@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [16510] The P word and the C word
Message-ID: <19980730220407.22656.qmail@hotmail.com>
Content-Type: text/plain

So Political Correctness rears its ugly head again on the list. You'd almost think ham radio had a problem with the concept.

Just as the media have focussed on the excesses of what remains, fundamentally, people trying to make a more inclusive society, by choosing the right postings from this list and ignoring the context, one could paint a picture of ham radio as a bunch of sexist, racist, technologically incompetent cranks. Don't forget that.

Personally, I thought Nils made his point brilliantly, and his choice of words enhanced the presentation. If you have a problem with "damn", you may need to consider growing a thicker skin - which people tell me all the time whenever I dare to object to things I find offensive.

Why should your hangups be more important than mine?

I thought so.

Laura Halliday VE7LDH "Laisse le vent tout emporter..."
Grid: CN88hk IOTA: NA036 - Foly/Viennet

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Thu, 30 Jul 1998 22:02:31 -0700
From: utahfolk@konnections.com
To: qrp-1@Lehigh.EDU
Subject: [16511] NAQP SUBCONTEST
Message-ID: <35C14FE6.7042@konnections.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Those of you who wish to QRP+Wires in the NAQP contest and report their results here, please let me know if you are playing and I will put up list on Saturday morning ... just sent me your call. Remember to report your results to N7XJ Bob -- his adx is barmstrong@mail.sisna.com

Sign up, the list still has a few blanks spaces on it! ... de W

Date: Thu, 30 Jul 1998 15:17:59 +0000
From: Bob Hightower <ki7mn@dancris.com>
To: qrp-1@Lehigh.EDU
Subject: [16512] Re: FS: NC40A, ZM-2
Message-ID: <199807302213.PAA27661@user2.dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The NC40A and ZM-2 have been sold. Thanks for all the response.

Date: Thu, 30 Jul 1998 15:31:50 +0000
From: Bob Hightower <ki7mn@dancris.com>
To: qrp-1@Lehigh.EDU

Subject: [16513] Re: FS: NC40A, ZM-2
Message-ID: <199807302227.PAA29207@user2.dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Ooops! Spoke too soon. The NC40A (RevB), unbuilt, with KC-1 and front panel is still available. \$150, shipped.

Date: Thu, 30 Jul 1998 18:40:42 EDT
From: w4pj@w4bkx.ampr.org
To: qrp-1@Lehigh.EDU
Subject: [16514] Re: Arnie C02KK not QRT
Message-ID: <15647@w4bkx.ampr.org>

Paul says, "For those who haven't heard....listen in some Saturday (or tuesday evening..."

PSE QRG? AR BK

de W4PJ / Scott #1585
----- 73 -----

Date: Thu, 30 Jul 1998 15:54:59 -0700
From: Harvey Laidman <Harvey1@outadaloop.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [16515] Solar Power
Message-ID: <35C0F9C2.6184D36A@outadaloop.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I recently moved and had to take down my solar power set-up:
3 - 22 watt solar panels 12" wide by 48" long framed and screwed to aluminum angle.
1 - Charging regulator purchased from Antennas West.
2 - "Diehard" deep cycle batteries (big ones)
1 - TrippLite 500 watt inverter
1 - Homebrew control panel.
(Cables, etc.)
(I operated for a week after the 1994 earthquake with this set-up. I also brewed coffee and ran lights and a TV at night.)
The good news is that I'll take \$150.00 for the system.

The bad news is that I won't ship. You have to pick up or arrange for pickup in Woodland Hills, CA.
(It's being stored by a friend and I'd like to get it out of his way!)

Thanks,
Harvey, W8DX

--

--- Harvey1@outadaloop.com -- URL: HTTP://outadaloop.com ---

Date: Thu, 30 Jul 1998 16:56:42 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-1@Lehigh.EDU
Subject: [16516] C02KK "DX Unlimited" Sked
Message-ID: <Pine.SOL.3.91.980730165311.12578A-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,
In response to both private email and posts, here is the last schedule I have for Radio Havana Cuba's "DX Unlimited" with Arnie Coro, C02KK. I trust it is still valid.
Remember... Sunday UTC is Saturday evening in North America.

Day:WEDNESDAYS AND SUNDAYS UTC DAYS !
JOIN ME AT RADIO HAVANA CUBA'S DXERS UNLIMITED !
THE " FIESTA" RADIO HOBBY PROGRAM ON SHORTWAVE

HERE IS THE SCHEDULE FOR NORTH AMERICA EAST COAST OF USA AND CANADA
6000 KHZ AM AND 9830 KHZ SSB
CENTRAL USA AND CANADA 9820 KHZ
PACIFIC COAST OF USA AND CANADA 9820 KHZ
LATE SHOW JUST AFTER 0530 UTC

TO EAST COAST ON 6180 KHZ AND 9830 KHZ
TO PACIFIC COAST OF USA AND CANADA ON 9820 KHZ
JOIN ME FOR 15 MINUTES OF A RADIO HOBBY " FIESTA"... THE LATEST HF PROPAGATION UPDATE AND FORECASTS... TECHNICAL TOPICS. ANTENNAS, HOMEBREWING, QRP LOW POWER OPERATION, EASY LISTENING TIPS AND MORE....
IF IT HAS TO DO WITH RADIO, FROM 1 KILOHERTZ TO LIGHTWAVES ITS GOING TO BE HERE !!!

DEVOTED ENTIRELY... ABSOLUTELY TO

THE RADIO HOBBY

Time: JUST AFTER 0130, 0330 AND 0530 HOURS UTC.
JUST REMEMBER THAT... AT THE LATE SHOW, JUST AFTER 0530 UTC,
6000 KHZ IS REPLACED BY 6180 KHZ

RADIO HABANA CUBA
PO BOX 6240
HABANA CUBA
10600

PHONE-FAX-E-MAIL
PHONE 53-7-814243
FAX 53-7-812927

E-MAIL
cartas@radiohc.org
radiohc@mail.infocom.etecsa.cu

ENGLISH LANGUAGE BROADCAST TO NORTH AMERICA

01.00 TO 05.00 UTC	6000 kHz	250 kW	010 degrees	17 dB=20
01.00 TO 05.00 UTC	9820 kHz	100 kW	348 degrees	15 dB=20
01.00 TO 07.00 UTC	9830 kHz	30 kW	037 degrees	10 dB=20
05.00 TO 07.00 UTC	9820 kHz	100 kW	315 degree	15 dB=20
05.00 TO 07.00 UTC	6180 kHz	100 kW	020 degrees	10 dB=20

Please send your reception reports, QSL requests, and comments
about the programs to the address at the header of this message.

End of QRP-L Digest 1168

